

**BUNDY**  
**Boilers**  
**and**  
**Radiators**









An  
Illustrated Catalogue  
of  
Bundy  
Boilers and Radiators  
For Steam and Water Heating.



Manufactured by

A. A. GRIFFING IRON COMPANY

Offices:

New York, 66 and 68 Centre Street

Boston, 177 and 179 Fort Hill Square

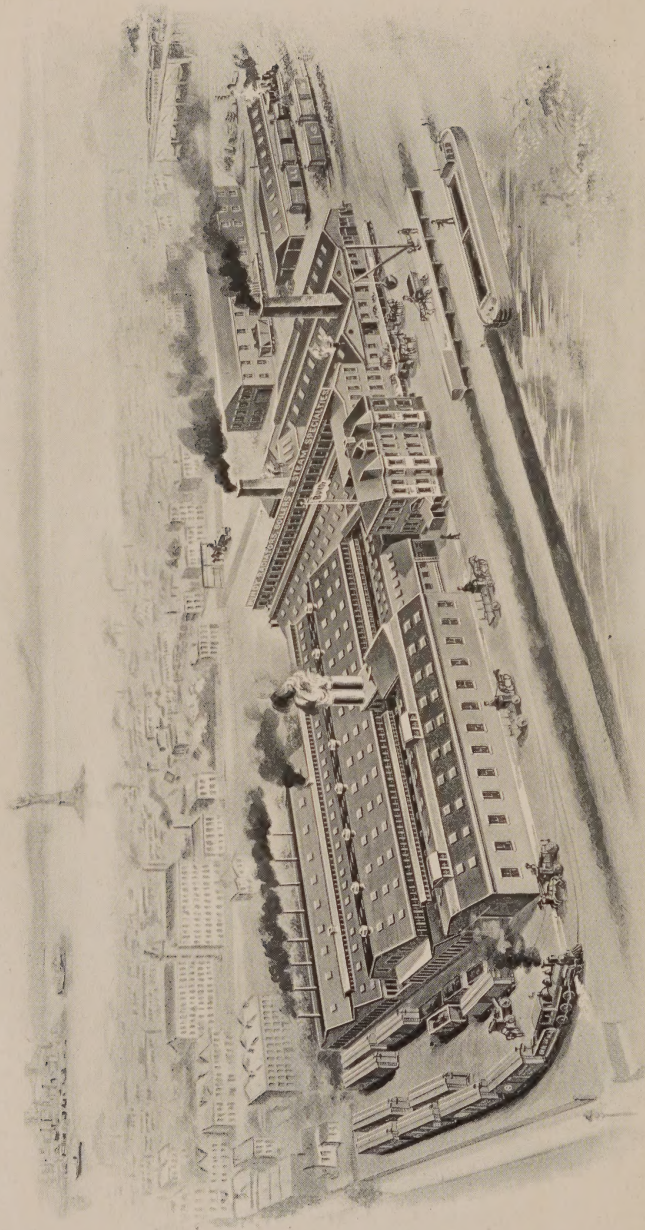
Philadelphia, 382 Bourse Building

Office and Works:

Jersey City, N. J., 449-459 Communipaw Avenue

U. S. A.

CATALOGUE H A—AUGUST, 1900.



Works of the A. A. Griffing Iron Company,  
Located on Central Railroad of New Jersey, Morris Canal and New York Harbor, Jersey City, N. J., U. S. A.

## Ratings of Bundy Boilers.

THE ratings of all Bundy boilers provide that in estimating the size of boiler required, all piping (mains and risers, flow and return) shall be figured as radiating surface in addition to the cast iron direct\* radiation to be used, and are based on a standard of two pounds pressure at the boiler for steam and a temperature of 180 degrees for water.

When a pipe, coil or cast iron section is introduced into the fire-pot, or a steam coil placed in a tank for the purpose of heating water for domestic use, additional capacity should be provided for in estimating size of boiler required at the rate of  $1\frac{1}{4}$  square feet of direct radiation, if steam, or 2 square feet, if water, for each gallon of water to be thus heated per hour.

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\*NOTE—For direct-indirect radiation we suggest the use of a boiler 25 per cent. larger, and for indirect radiation or pipe coils, 50 per cent. larger.

Discounts quoted only to the Trade.

# Sizes of Bundy Boilers.

Steam.

Gross Rating sq. ft.	Bundy 300 Series.	Bundy 500 Series.	La Flora 700 Series.	La Belle 900 Series.	La Villa 25 Series.	La Villa 100 Series.
200	.....	.....	.....	.....	25	105
250	.....	.....	.....	.....	26	106
300	.....	.....	702	902	.....	.....
350	304	.....	.....	.....	27	107
475	.....	.....	.....	.....	28	108
500	.....	.....	703	903	.....	.....
550	305	.....	.....	.....	.....	.....
600	.....	.....	703a	.....	29	109
650	.....	.....	.....	904	.....	.....
700	.....	.....	704	.....	30	.....
750	306	.....	.....	.....	.....	.....
800	.....	.....	704a	.....	31	.....
850	.....	.....	.....	905	.....	.....
900	.....	505	705	.....	.....	.....
950	307	.....	.....	.....	.....	.....
1000	.....	.....	.....	906	.....	.....
1100	.....	.....	706	.....	.....	.....
1150	308	.....	.....	.....	.....	.....
1300	.....	506	707	.....	.....	.....
1350	309	.....	.....	.....	.....	.....
1500	.....	.....	708	.....	.....	.....
1700	.....	507	.....	.....	.....	.....
1800	.....	.....	709	.....	.....	.....
2100	.....	.....	710	.....	.....	.....
2200	.....	508	.....	.....	.....	.....
2400	.....	.....	711	.....	.....	.....
2600	.....	509	.....	.....	.....	.....
3100	.....	510	.....	.....	.....	.....
3500	.....	511	.....	.....	.....	.....
3900	.....	512	.....	.....	.....	.....
4300	.....	513	.....	.....	.....	.....
4700	.....	514	.....	.....	.....	.....
5100	.....	515	.....	.....	.....	.....
5500	.....	516	.....	.....	.....	.....

# Sizes of Bundy Boilers.

Water.

Gross Rating sq. ft.	Bundy 400 Series.	Bundy 600 Series.	La Flora 1000 Series.	La Belle 800 Series.	La Villa 50 Series.	La Villa 200 Series.
325	.....	.....	.....	.....	50	210
400	.....	.....	.....	.....	52	212
500	.....	.....	1002	802	.....	.....
575	404	.....	.....	.....	54	214
775	.....	.....	.....	.....	56	216
825	.....	.....	1003	803	.....	.....
925	405	.....	.....	.....	.....	.....
1000	.....	.....	1003a	.....	58	218
1050	.....	.....	.....	804	.....	.....
1150	.....	.....	1004	.....	60	.....
1250	406	.....	.....	.....	.....	.....
1300	.....	.....	1004a	.....	62	.....
1400	.....	.....	.....	805	.....	.....
1500	.....	605	1005	.....	.....	.....
1575	407	.....	.....	.....	.....	.....
1650	.....	.....	.....	806	.....	.....
1800	.....	.....	1006	.....	.....	.....
1900	408	.....	.....	.....	.....	.....
2150	.....	606	1007	.....	.....	.....
2250	409	.....	.....	.....	.....	.....
2825	.....	607	.....	.....	.....	.....
3650	.....	608	.....	.....	.....	.....
4300	.....	609	.....	.....	.....	.....
5125	.....	610	.....	.....	.....	.....
5800	.....	611	.....	.....	.....	.....
6450	.....	612	.....	.....	.....	.....
7100	.....	613	.....	.....	.....	.....
7775	.....	614	.....	.....	.....	.....
8425	.....	615	.....	.....	.....	.....
10000	.....	616	.....	.....	.....	.....

## Bundy Steam and Water Boilers.

**TUBULAR CONSTRUCTION.** The Bundy Sectional Tubular Boiler has all the advantages and none of the disadvantages of the old style wrought iron or steel tubular power boiler. The wrought iron tubular makes steam fast and cheap, but it is neither durable, safe or convenient to handle. The Bundy Tubular on the other hand is of sectional form and so is very easy to handle and perfectly safe, and being of cast iron it is also durable. Wrought iron rusts badly and will soon pit through, which is not the case with cast iron. By virtue of being made with sectional tubes the water in the Bundy Boiler is thoroughly pierced and cut up and consequently a larger per cent of heat is saved and less fuel consumed. The tubes are but two inches wide, and so the heat is never further than one inch from the water backed iron. This argues volumes in favor of fuel economy and should be carefully considered while comparing prices.

**INTERNALLY FIRED.** Another important advantage possessed by the Bundy Tubular Boiler is that it is internally fired. We mean by this that water surrounds the fire on all sides, in fact the water is carried around underneath the ash pit. As a result all downwardly deflected heat, even to the heat of the ashes, is saved, and much less fuel burned in the boiler.

**NIPPLE CONNECTION.** Bundy Boilers are put together with nipples, iron to iron, no gaskets or packings being employed anywhere. This safeguards against leaks and avoids the expense of repacking the boiler every year or oftener, which will amount to a good round sum during the life of a boiler.

**EASILY CLEANED.** Unless boilers are kept clean a maximum of economy will not be had. The deposit of soot, dust and ashes form a non-conducting medium through which the heat will not readily pass. The Bundy Boilers are so arranged that they can be easily and quickly cleaned. Any one can do it, and the cleaner they are kept the less fuel will be required.

**DURABLE.** From the above it will be observed that the Bundy Boilers are very durable, particularly since they are

made of the best quality of iron obtainable, and sufficiently thick to insure a long period of use.

**ROCKING AND DUMPING GRATES.** The best possible type of grates is used in all Bundy Boilers, which renders it easy to take care of them.

**INTERCHANGEABLE PARTS.** All duplicate parts are made precisely alike and are interchangeable. All reamed holes are made through steel jig and templet and the sections will go together easily.

**WORKMANSHIP.** By the use of the most skilled mechanics and perfect machinery we produce boilers of workmanship so superior to the majority that they are easily worth from fifteen to fifty dollars more, and our test and inspection is so thorough that it is practically impossible for a part to get out that is not absolutely perfect in every respect.

**GREAT VARIETY.** We make such an extensive line of boilers that it is possible to select therefrom just the particular style and size of boiler wanted. Our Bundy La Flora Boiler possesses practically all the advantages above enumerated. In it the water is divided into thin sheets, as is also the hot gases, making it a very quick steamer, and with a water section front and back an exceptionally high degree of economy is secured.

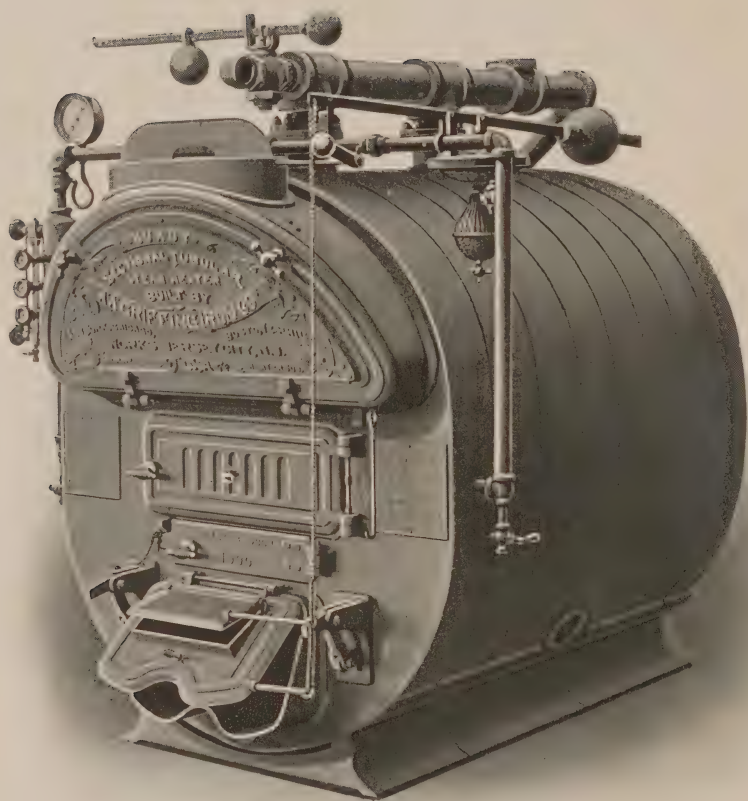
The Bundy La Villa Boiler is designed for heating buildings of smaller size, and is made with or without ornamental sides and base plate. Where the boiler is placed in a living room, which is often done, the ornamental pattern is no more objectionable than a parlor stove.

The Bundy Daisy Boiler is designed chiefly for heating water in a tank, though a more general use is being made of it by some, and with perfect satisfaction.

The Bundy Jewel Boiler is made to meet the demand for a round grate boiler, which some people prefer. It has a return flue in the back, which cuts down the waste of fuel experienced with boilers less favorably made, which should be taken into account by those interested in saving fuel.

A. A. GRIFFING IRON COMPANY.

# Bundy Tubular Boiler.



Steam—500 Series—No. 508.

## Bundy Tubular Boilers.

### 300 Series—Steam.

No.	Rating, sq. ft.	Price.	Grate, inches.	Length, inches.	Width, inches.	Height, inches.	Water Line, inches.	Smoke Pipe, inches.	Number of Sections.
304	350	\$250	26×16	32	32	52	42	8	4
305	550	320	26×24	40	32	52	42	8	5
306	750	390	26×32	48	32	52	42	8	6
307	950	460	26×40	56	32	52	42	10	7
308	1150	530	26×48	64	32	52	42	10	8
309	1350	600	26×56	72	32	52	42	10	9

### 500 Series—Steam.

No.	Rating, sq. ft.	Price.	Grate, inches.	Length, inches.	Width, inches.	Height, inches.	Water Line, inches.	Smoke Pipe, inches.	Number of Sections.
505	900	\$480	34½×24	40	48	60	46	10	5
506	1300	590	34½×32	48	48	60	46	10	6
507	1700	700	34½×40	56	48	60	46	12	7
508	2200	810	40 ×40	64	48	60	46	12	8
509	2600	920	40 ×40	72	48	60	46	12	9
510	3100	1030	40 ×48	80	48	60	46	14	10
511	3500	1140	40 ×56	88	48	60	46	14	11
512	3900	1250	40 ×64	96	48	60	46	14	12
513	4300	1360	40 ×64	104	48	60	46	18	13
514	4700	1470	40 ×64	112	48	60	46	18	14
515	5100	1580	40 ×64	120	48	60	46	18	15
516	5500	1690	40 ×64	128	48	60	46	18	16

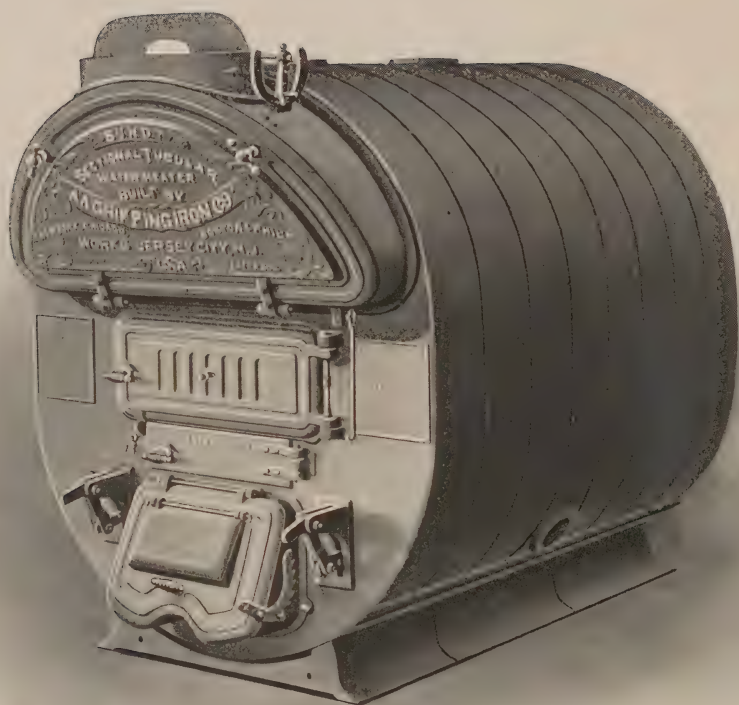
For List of Tappings, see another page.

Unless otherwise ordered, Boilers Nos. 304, 305, 505, 506 and 507 will have rear smoke connection; larger sizes, front smoke connection, excepting for burning soft coal, when all sizes will have front smoke connection. When specially ordered, grates of larger size may be furnished.

All Bundy Sectional Tubular Steam Boilers (300 and 500 series) are made to conform with the requirements of the Boiler Inspection Department of the Massachusetts District Police, excepting that the police safety valve is not furnished unless specially ordered, when it will be sent and charged for extra.

Each boiler has a safety fusible plug.

Bundy Tubular Boiler.



Water—600 Series—No. 608.

## Bundy Tubular Boilers.

### 400 Series—Water.

No.	Rating, sq. ft.	Price.	Grate, inches.	Length, inches.	Width, inches.	Height, inches.	Smoke Pipe, inches.	Number of Sections.
404	575	\$234	26×16	32	32	52	8	4
405	925	304	26×24	40	32	52	8	5
406	1250	374	26×32	48	32	52	8	6
407	1575	444	26×40	56	32	52	10	7
408	1900	514	26×48	64	32	52	10	8
409	2250	584	26×56	72	32	52	10	9

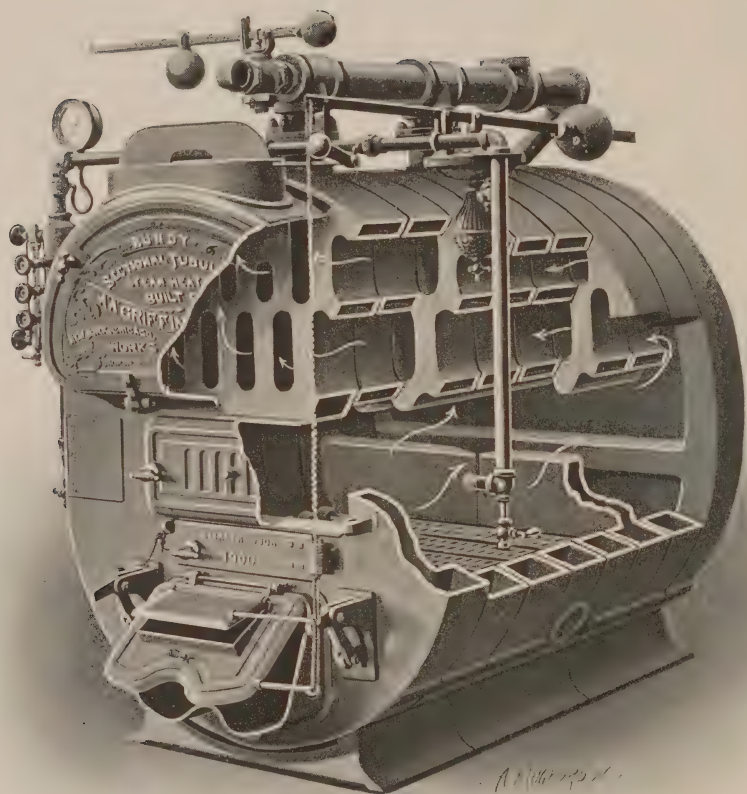
### 600 Series—Water.

No.	Rating, sq. ft.	Price.	Grate, inches.	Length, inches.	Width, inches.	Height, inches.	Smoke Pipe, inches.	Number of Sections.
605	1500	\$464	34½×24	40	48	60	10	5
606	2150	574	34½×32	48	48	60	10	6
607	2825	684	34½×40	56	48	60	12	7
608	3650	794	40×40	64	48	60	12	8
609	4300	904	40×40	72	48	60	12	9
610	5125	1014	40×48	80	48	60	14	10
611	5800	1124	40×56	88	48	60	14	11
612	6450	1234	40×64	96	48	60	14	12
613	7100	1344	40×64	104	48	60	18	13
614	7775	1454	40×64	112	48	60	18	14
615	8425	1564	40×64	120	48	60	18	15
616	10000	1674	40×64	128	48	60	18	16

For List of Tappings see another page.

Unless otherwise ordered, Boilers Nos. 404, 405 and 605 will have rear smoke connection; larger sizes, front smoke connection, excepting for burning soft coal, when all sizes will have front smoke connection. When specially ordered, grates of larger size may be furnished.

# Bundy Tubular Steam Boiler.



Interior View—Showing fire travel.

## Bundy Tubular Boilers.

### List of Tappings—Steam.

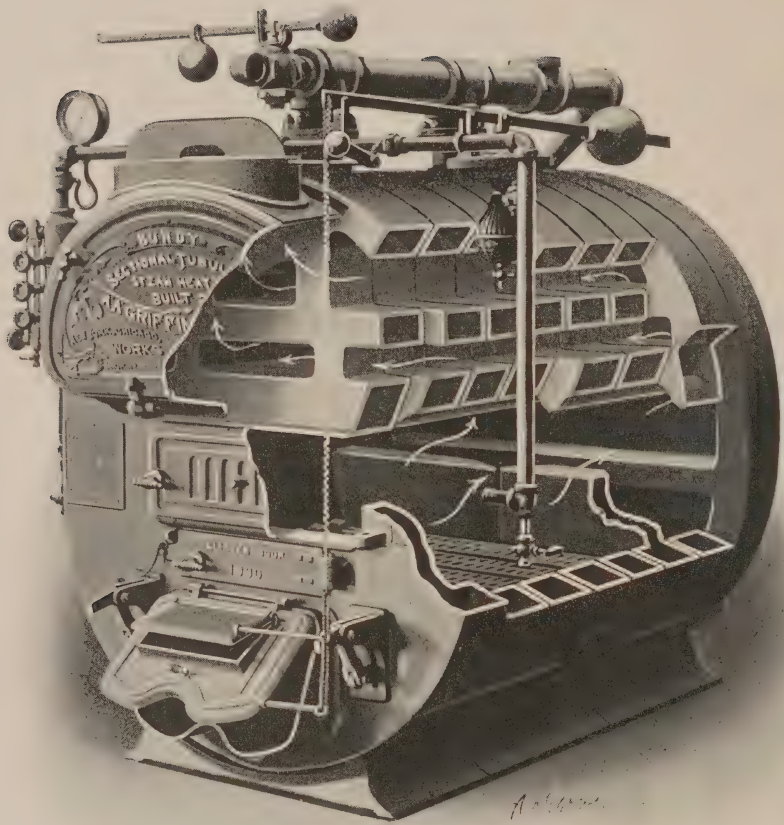
No.	No. of Outlets.	Size of Outlets, inches.	No. of Side Return Sections.	No. of Side Returns.	Size of Side Returns, inches.	No. of Rear Returns.	Size of Rear Returns, inches.
304	1	3				1	2½
305	1	3				1	2½
306	1	4				1	3
307	1	4	1	2	2½	1	2½
308	1	4	1	2	2½	1	2½
309	1	5	1	2	2½	1	2½
505	1	3				1	2½
506	1	4				1	3
507	1	4				1	3
508	1	4	1	2	3	1	3
509	1	5	1	2	3	1	3
510	1	5	1	2	4	1	3
511	1	5	1	2	4	1	3
512	1	5	1	2	4	1	3
513	1	6	1	2	4	1	3
514	1	6	1	2	4	1	3
515	1	7	1	2	4	1	3
516	1	7	1	2	4	1	3

### List of Tappings—Water.

No.	No. of Outlets.	Size of Outlets, inches.	No. of Side Return Sections.	No. of Side Returns.	Size of Side Returns, inches.	No. of Rear Returns.	Size of Rear Returns, inches.
404	1	3				2	2
405	1	3				2	2
406	2	3	1	2	3	2	2
407	2	3	1	2	3	2	2
408	3	3	2	4	3	2	2
409	3	3	2	4	3	2	2
605	1	4				2	3
606	2	4	1	2	4	2	3
607	2	4	1	2	4	2	3
608	2	4	1	2	4	2	3
609	3	4	2	4	4	2	3
610	3	4	2	4	4	2	3
611	3	4	2	4	4	2	3
612	3	4	2	4	4	2	3
613	3	4	2	4	4	2	3
614	3	4	2	4	4	2	3
615	3	4	2	4	4	2	3
616	3	4	2	4	4	2	3

All Bundy Sectional Tubular Steam Boilers are furnished with wrought iron header connected by branches, and with an equalizing pipe to the rear section.

Bundy Tubular Steam Boiler.



For Burning Soft Coal.

## Bundy Tubular Boiler.

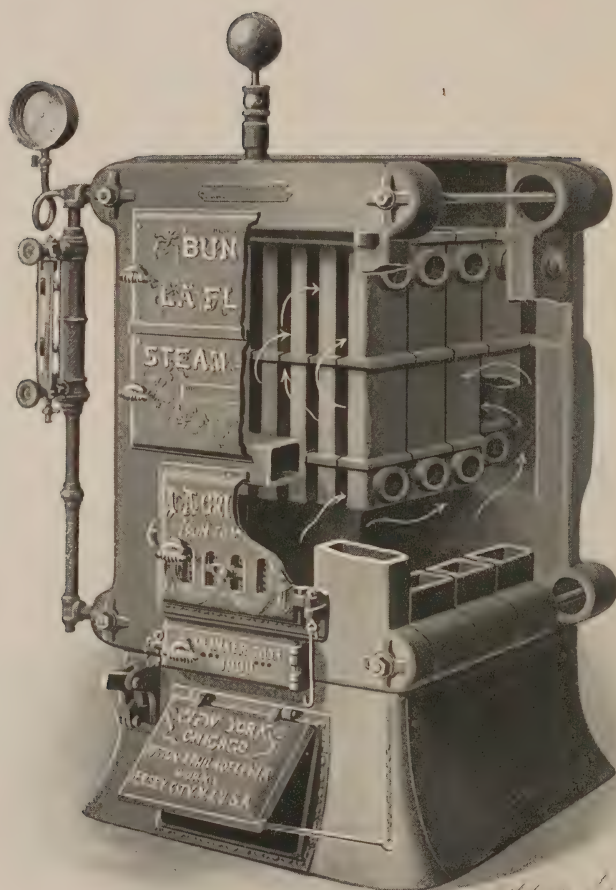
### For Burning Soft Coal.

THE Bundy Tubular Boiler is a perfect success for burning soft coal. Generally speaking its construction is the same as for burning hard coal, but additional area of flues combined with exceptional facilities for cleaning them, render this boiler unequaled for use where soft coal is the fuel employed. Made for both steam and water in all the sizes of the 300, 400, 500 and 600 series, being 18 different sizes for each steam and water, with capacities ranging from 350 square feet to 5,500 square feet for steam, and 575 square feet to 10,000 square feet for water.

All sizes of Bundy Tubular Boilers for burning soft coal will have front smoke connection, and those for steam, being the 300 and 500 series, will be made to conform with the requirements of the Boiler Inspection Department of the Massachusetts District Police, including the safety fusible plug, but excepting when specially ordered a police safety valve will not be furnished, and when ordered, it will be charged for extra. For List of Tappings see another page showing tappings of the 300, 400, 500 and 600 series boilers, which is the same for either hard or soft coal consumption.

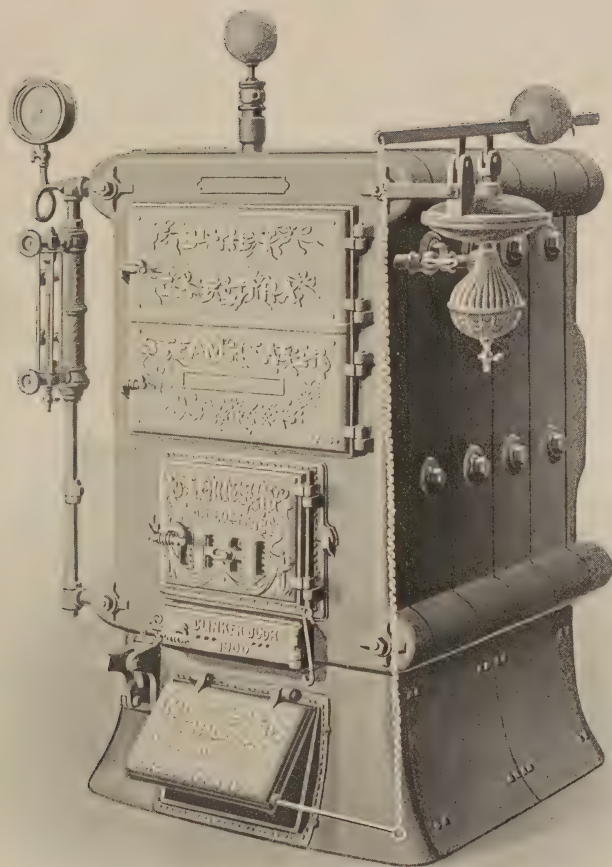
All Bundy Tubular Boilers for steam, being the 300 and 500 series, whether for burning hard or soft coal, will be supplied with wrought iron headers connected by branches to the boiler, and with an equalizing pipe to the rear section at the bottom.

Bundy La Flora Steam Boiler.



Interior View—Showing fire travel.

Bundy La Flora Boiler.



Steam—700 Series—No. 704.

Bundy La Flora Boiler.



Steam—700 Series—No. 708.

# Bundy La Flora Boilers.

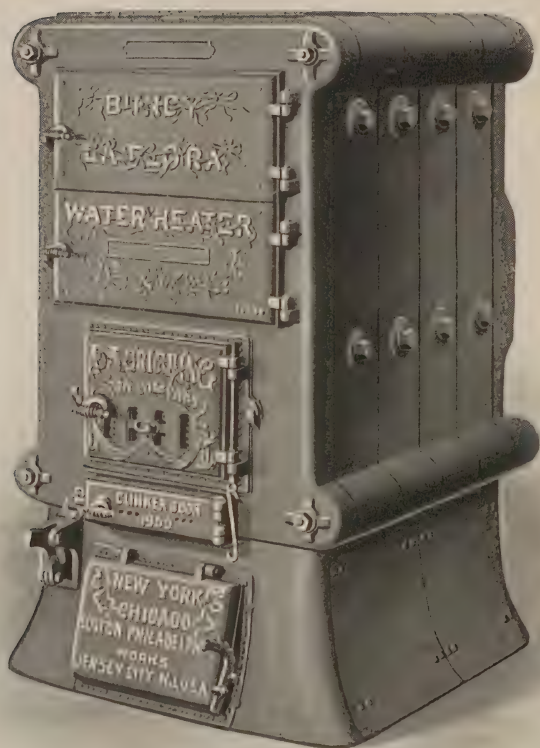
## 700 Series—Steam.

No.	Rating, sq. feet.	Price.	Grate, inches.	Length, inches.	Width, inches.	Height, inches.	Water Line, inches.	Outlets, inches.	Inlets, inches.	Smoke Pipe, inches.	No. of Sections.
702	300	\$160	19½×16	27	33	56	44	2-2½	2-2	8	4
703	500	234	19½×24	35	33	56	44	2-2½	2-2	8	5
703a	600	262	24 ×24	35	37½	64	51	2-2½	3-2	8	5
704	700	290	19½×32	43	33	56	44	2-2½	2-2	8	6
704a	800	318	19½×40	51	33	56	44	2-2½	2-2	8	7
705	900	346	24 ×32	43	37½	64	51	2-2½	2-2	10	6
706	1100	416	24 ×40	51	37½	64	51	2-3	2-2½	10	7
707	1300	480	24 ×48	59	37½	64	51	2-3	2-2½	10	8
708	1500	544	37 ×32	43	50½	64	51	2-3	2-2½	12	6
709	1800	604	37 ×40	51	50½	64	51	2-4	2-3	12	7
710	2100	670	37 ×48	59	50½	64	51	2-4	2-3	14	8
711	2400	730	37 ×56	67	50½	64	51	2-4	2-3	14	9

## 1000 Series—Water.

No.	Rating, sq. feet.	Price.	Grate, inches.	Length, inches.	Width, inches.	Height, inches.	Outlets, inches.	Inlets, inches.	Smoke Pipe, inches.	No. of Sections.
1002	500	\$150	19½×16	27	33	56	2-2½	2-2½	8	4
1003	825	216	19½×24	35	33	56	2-2½	2-2½	8	5
1003a	1000	244	24 ×24	35	37½	64	2-2½	2-2½	8	5
1004	1150	274	19½×32	43	33	56	2-2½	2-2½	8	6
1004a	1300	301	19½×40	51	33	56	2-2½	2-2½	8	7
1005	1500	335	24 ×32	43	37½	64	2-2½	2-2½	10	6
1006	1800	390	24 ×40	51	37½	64	2-3	2-3	10	7
1007	2150	460	24 ×48	59	37½	64	2-3	2-3	10	8

Bundy La Flora Boiler.



Water—1000 Series—No. 1004.

# Bundy La Flora Greenhouse Boilers.

## 1500 Series—Steam.

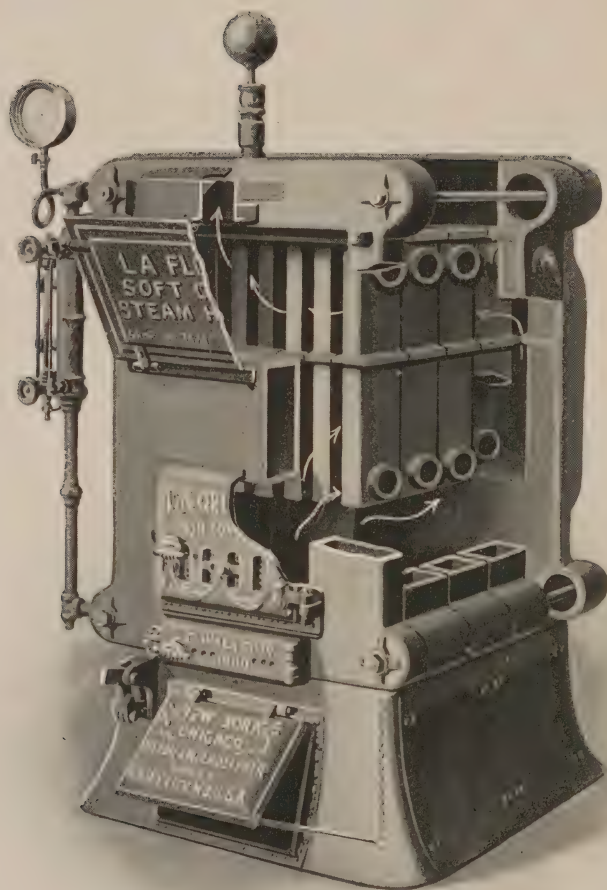
No.	CAPACITY, LINEAL FEET.				Price.
	2 inch Pipe.	1½ inch Pipe.	1¼ inch Pipe.	1 inch Pipe.	
1502	325	425	475	600	\$160
1503	550	700	800	1000	234
1503a	650	825	950	1200	262
1504	775	975	1100	1400	290
1504a	875	1100	1275	1600	318
1505	1000	1250	1425	1800	346
1506	1200	1525	1750	2200	416
1507	1425	1800	2050	2600	480
1508	1650	2075	2375	3000	544
1509	2000	2500	2850	3600	604
1510	2325	2900	3325	4200	670
1511	2650	3325	3800	4800	730

## 1600 Series—Water.

No.	CAPACITY, LINEAL FEET.				Price.
	4 inch Pipe.	3 inch Pipe.	2 inch Pipe.	1½ inch Pipe.	
1602	450	500	525	700	\$150
1603	750	850	900	1150	216
1603a	900	1000	1050	1350	244
1604	1000	1200	1275	1600	274
1604a	1150	1350	1425	1800	301
1605	1350	1550	1650	2050	335
1606	1600	1900	2000	2500	390
1607	2000	2200	2350	3000	460

Capacity in 4-inch and 3-inch pipe is figured for cast iron pipe; other capacities, for wrought iron pipe.

Bundy La Flora Steam Boiler.



For Burning Soft Coal.

# Bundy La Flora Boilers.

For Burning Soft Coal.

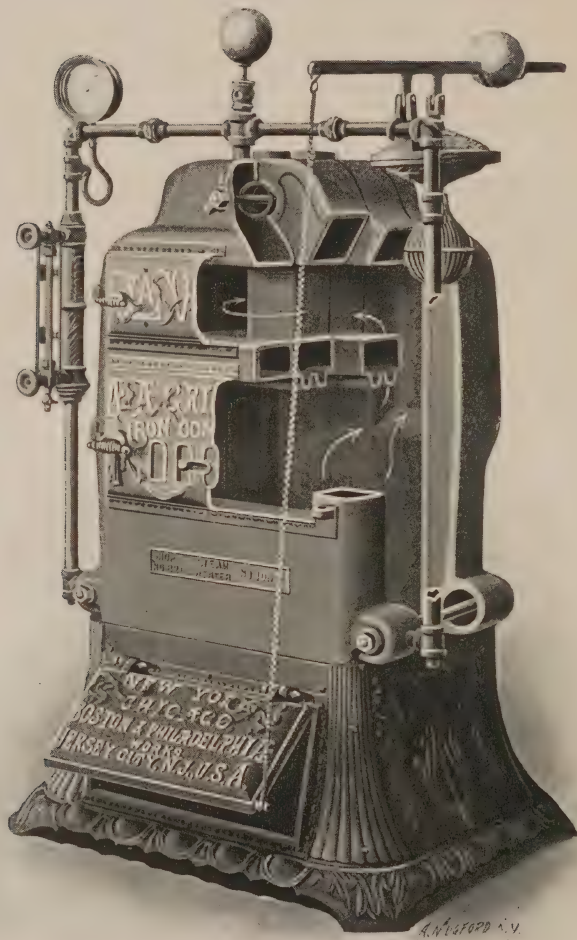
## 1100 Series—Steam.

No.	Rating, sq. ft.	Price.	Grate, inches.	Length, inches.	Width, inches.	Height, inches.	Water Line, inches.	Outlets, inches.	Inlets, inches.	Smoke Pipe, inches.	No. of Sections.
1102	300	\$160	19½×16	27	33	56	44	2-2½	2-2	8	4
1103	500	234	19½×24	35	33	56	44	2-2½	2-2	8	5
1103a	600	262	24 ×24	35	37½	64	51	2-2½	2-2	8	5
1104	700	290	19½×32	43	33	56	44	2-2½	2-2	8	6
1104a	800	318	19½×40	51	33	56	44	2-2½	2-2	8	7
1105	900	346	24 ×32	43	37½	64	51	2-2½	2-2	10	6
1106	1100	416	24 ×40	51	37½	64	51	2-3	2-2½	10	7
1107	1300	480	24 ×48	59	37½	64	51	2-3	2-2½	10	8
1108	1500	544	37 ×32	43	50½	64	51	2-3	2-2½	12	6
1109	1800	604	37 ×40	51	50½	64	51	2-4	2-3	12	7
1110	2100	670	37 ×48	59	50½	64	51	2-4	2-3	14	8
1111	2400	730	37 ×56	67	50½	64	51	2-4	2-3	14	9

## 1200 Series—Water.

No.	Rating, sq. ft.	Price.	Grate, inches.	Length, inches.	Width, inches.	Height, inches.	Outlets, inches.	Inlets, inches.	Smoke Pipe, inches.	No. of Sections.
1202	500	\$150	19½×16	27	33	56	2-2½	2-2½	8	4
1203	825	216	19½×24	35	33	56	2-2½	2-2½	8	5
1203a	1000	244	24 ×24	35	37½	64	2-2½	2-2½	8	5
1204	1150	274	19½×32	43	33	56	2-2½	2-2½	8	6
1204a	1300	301	19½×40	51	33	56	2-2½	2-2½	8	7
1205	1500	335	24 ×32	43	37½	64	2-2½	2-2½	10	6
1206	1800	390	24 ×40	51	37½	64	2-3	2-3	10	7
1207	2150	460	24 ×48	59	37½	64	2-3	2-3	10	8

Bundy La Villa Steam Boiler.



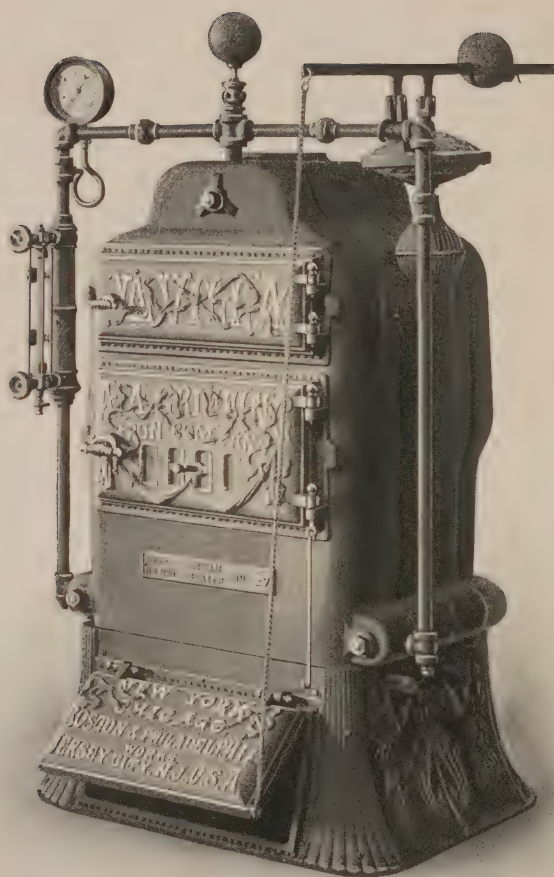
Interior View—Showing fire travel.

Bundy La Villa Boiler.



Water—200 Series—No. 210.

Bundy La Villa Boiler.



Steam—25 Series—No. 27.

# Bundy La Villa Boilers.

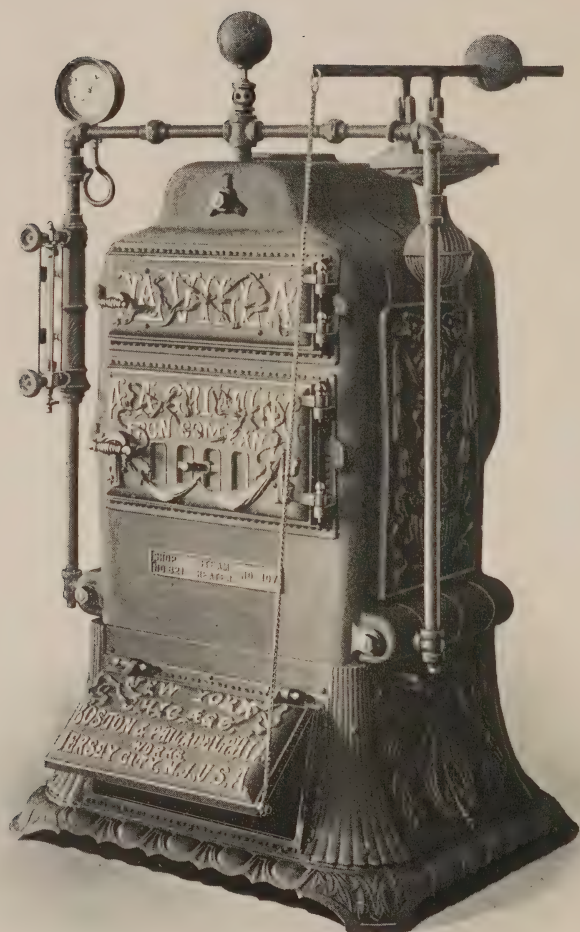
## 25 Series—Steam.

No.	Rating, sq. feet.	Price.	Grate, inches.	Length, inches.	Width, inches.	Height, inches.	Water Line, inches.	Outlets, inches.	Inlets, inches.	Smoke Pipe, inches.	No. of Sections.
25	200	\$134	12×18	31	25	53	47	2-1½	2-1¼	6	4
26	250	156	12×24	37	25	53	47	2-2	2-1½	6	5
27	350	180	18×18	31	31	53	47	2-2	2-1½	8	4
28	475	226	18×24	37	31	53	47	2-2½	2-2	8	5
29	600	262	18×30	43	31	53	47	2-2½	2-2	8	6
30	700	290	18×36	49	31	53	47	2-2½	2-2	8	7
31	800	318	18×42	55	31	53	47	2-2½	2-2	8	8

## 50 Series—Water.

No.	Rating, sq. feet.	Price.	Grate, inches.	Length, inches.	Width, inches.	Height, inches.	Outlets, inches.	Inlets, inches.	Smoke Pipe, inches.	No. of Sections.
50	325	\$120	12×18	31	25	53	2-2	2-2	6	4
52	400	140	12×24	37	25	53	2-2	2-2	6	5
54	575	168	18×18	31	31	53	2-2½	2-2½	8	4
56	775	208	18×24	37	31	53	2-2½	2-2½	8	5
58	1000	244	18×30	43	31	53	2-2½	2-2½	8	6
60	1150	274	18×36	49	31	53	2-3	2-3	8	7
62	1300	301	18×42	55	31	53	2-3	2-3	8	8

Bundy La Villa Boiler.



Steam—100 Series—No. 107.

# Bundy La Villa Boilers.

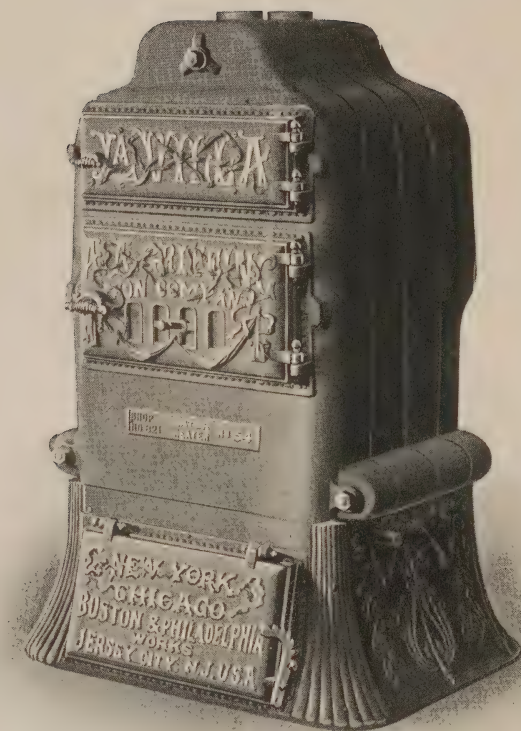
## 100 Series—Steam.

No.	Rating, sq. ft.	Price.	Grate, inches.	Length, inches.	Width, inches.	Height, inches.	Water Line, inches.	Outlets, inches.	Inlets, inches.	Smoke Pipe, inches.	No. of Sections.
105	200	\$134	12×18	37	31	56	50	2-1½	2-1¼	6	4
106	250	156	12×24	43	31	56	50	2-2	2-1½	6	5
107	350	180	18×18	37	37	56	50	2-2	2-1½	8	4
108	475	226	18×24	43	37	56	50	2-2½	2-2	8	5
109	600	262	18×30	49	37	56	50	2-2½	2-2	8	6

## 200 Series—Water.

No.	Rating, sq. ft.	Price.	Grate, inches.	Length, inches.	Width, inches.	Height, inches.	Outlets, inches.	Inlets, inches.	Smoke Pipe, inches.	No. of Sections.
210	325	\$120	12×18	37	31	56	2-1½	2-1½	6	4
212	400	140	12×24	43	31	56	2-2	2-2	6	5
214	575	168	18×18	37	37	56	2-2	2-2	8	4
216	775	208	18×24	43	37	56	2-2½	2-2½	8	5
218	1000	244	18×30	49	37	56	2-2½	2-2½	8	6

Bundy La Villa Boiler.



Water—50 Series—No. 54.

## Bundy Daisy Tank Heaters.

THE Bundy Daisy Boiler is designed for heating water in a tank or where a heater is desired of small capacity and low cost. As a Tank Heater it is made in four different sizes, having 11, 13, 15 and 17 inch diameter of round grate and a range of capacity from 195 to 390 gallons of water heated per hour.

By reference to the cut illustrating its interior construction it will be observed that it has a large amount of excellent direct fire surface, which insures economical consumption of fuel.

Above the base section it is made in two halves to go together with outside screw thread connections; is easy and quick to set up, has a good grate and ample size of ash pit. The grate is of the shaking and dumping pattern, and may be easily removed or replaced.

The Bundy Daisy Boiler for heating by steam is made higher than the Tank Heater, which provides the necessary additional steam space at the top of the boiler. The cut only shows the Tank Heater for water and does not show this advantage of extra space for steam storage.

## Bundy Jewel Boiler.

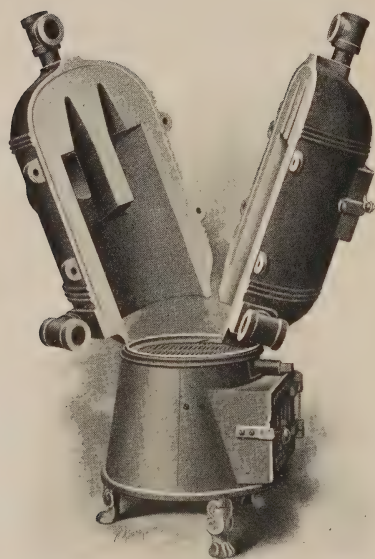
THE Bundy Jewel Boiler, as the accompanying cuts show, is of the round, horizontal, sectional type with return flue connection to smoke pipe. This feature secures the greatest possible amount of heat from the fuel consumed, since the products of combustion have a longer travel over water-backed heating surface.

The sections are united with slip nipples, all openings being made to templet through steel gigs to insure absolute duplication of similar parts and interchangeability should it ever be necessary.

At present this boiler is made in but four sizes, two each for steam and water, all with 21 inch diameter of round grate and of capacity of 400 and 450 square feet for steam and 650 and 750 square feet for water.

The grate is of the latest improved shaking and dumping pattern, easily operated and may be quickly removed or replaced.

## Bundy Daisy Tank Heater.

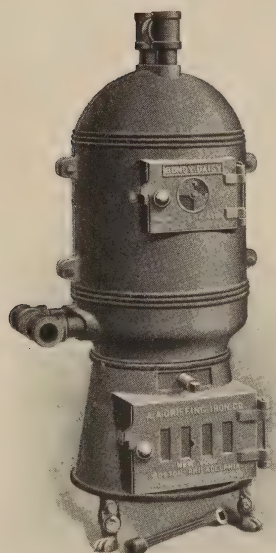


Interior View—showing construction.

### List of Sizes—Steam.

No.	Grate, diameter in inches.	Capacity, square feet.	Price.
1313	13	125	\$81
1315	15	150	90
1317	17	200	108

## Bundy Daisy Tank Heater.

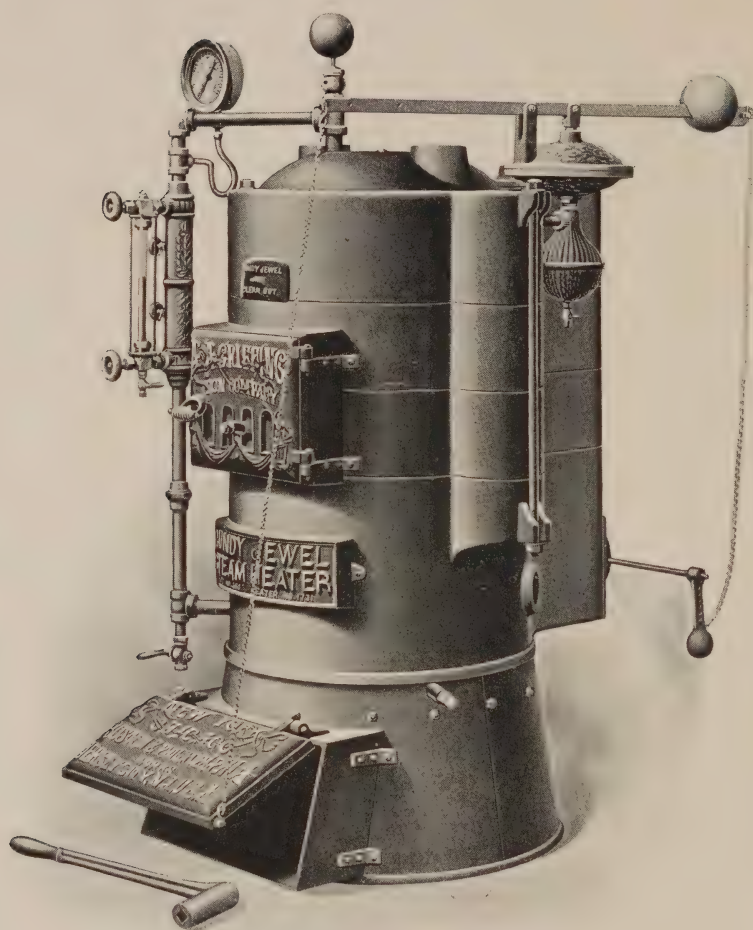


Water—1400 Series—No. 1411.

### List of Sizes.

No.	Grate, diameter in inches.	Capacity, gallons per hour.	Price.
1411	11	195	\$40
1413	13	260	45
1415	15	325	54
1417	17	390	65

# Bundy Jewel Boiler.

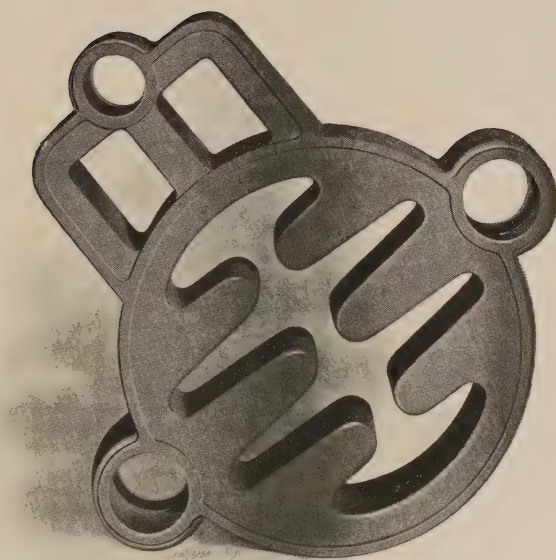


Steam—1700 Series—No. 1721.

## List of Sizes.

No.	Grate, diameter in inches.	Capacity, square feet.	Price.
1721	21	400	\$200
1722	21	450	219

## Bundy Jewel Boiler.

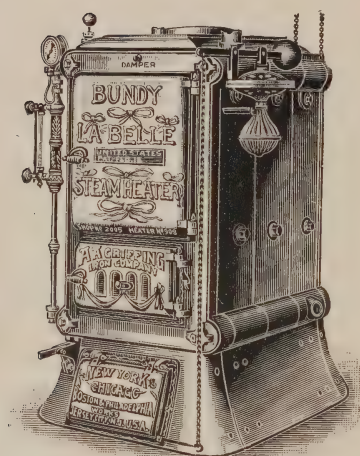


An Intermediate Section.

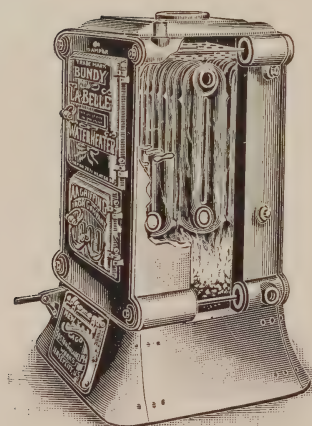
### List of Sizes—Water.

No.	Grate, diameter in inches.	Capacity, square feet.	Price.
1821	21	650	\$186
1822	21	750	204

# Bundy La Belle Boilers.



Steam—900 Series—No. 903.



Showing Fire Travel.

## Bundy La Belle Boilers.

### 900 Series—Steam.

No.	Rating, sq. ft.	Price.	Grate, inches.	Length, inches.	Width, inches.	Height, inches.	Water Line, inches.	Outlets, inches.	Inlets, inches.	Smoke Pipe, inches.	No. of Sections.
902	300	\$160	$19\frac{1}{2} \times 16$	27	33	60	46	$2-2\frac{1}{2}$	2-2	8	2
903	500	234	$19\frac{1}{2} \times 24$	35	33	60	46	$2-2\frac{1}{2}$	2-2	8	3
904	650	276	$19\frac{1}{2} \times 32$	43	33	60	46	$2-2\frac{1}{2}$	2-2	8	4
905	850	332	$19\frac{1}{2} \times 40$	51	33	60	46	$2-2\frac{1}{2}$	2-2	8	5
906	1000	376	$19\frac{1}{2} \times 48$	59	33	60	46	2-3	$2-2\frac{1}{2}$	10	6

### 800 Series—Water.

No.	Rating, sq. ft.	Price.	Grate, inches.	Length, inches.	Width, inches.	Height, inches.	Outlets, inches.	Inlets, inches.	Smoke Pipe, inches.	No. of Sections.
802	500	\$150	$19\frac{1}{2} \times 16$	27	33	60	$2-2\frac{1}{2}$	$2-2\frac{1}{2}$	8	2
803	825	216	$19\frac{1}{2} \times 24$	35	33	60	$2-2\frac{1}{2}$	$2-2\frac{1}{2}$	8	3
804	1050	254	$19\frac{1}{2} \times 32$	43	33	60	$2-2\frac{1}{2}$	$2-2\frac{1}{2}$	8	4
805	1400	318	$19\frac{1}{2} \times 40$	51	33	60	$2-2\frac{1}{2}$	$2-2\frac{1}{2}$	8	5
806	1650	360	$19\frac{1}{2} \times 48$	59	33	60	2-3	2-3	10	6

Bundy Elite Radiator.

Steam and Water—Direct.



Bundy Elite Radiator—Direct.

# Bundy Elite Radiators.

## Steam and Water—Direct.

No. of Sections.	Length, 3 in. per Section. *	Heating Surface—Square Feet.				
		45-in. Hgt., 6 $\frac{2}{3}$ sq. ft. per Sec.	35-in. Hgt., 5 $\frac{1}{2}$ sq. ft. per Sec.	30-in. Hgt., 4 $\frac{2}{3}$ sq. ft. per Sec.	24-in. Hgt., 3 $\frac{3}{4}$ sq. ft. per Sec.	20-in. Hgt., 2 $\frac{3}{4}$ sq. ft. per Sec.
2	6	13 $\frac{1}{3}$	11	9 $\frac{1}{3}$	7 $\frac{1}{2}$	5 $\frac{1}{2}$
3	9	20	16 $\frac{1}{2}$	14	11 $\frac{1}{4}$	8 $\frac{1}{4}$
4	12	26 $\frac{2}{3}$	22	18 $\frac{2}{3}$	15	11
5	15	33 $\frac{1}{3}$	27 $\frac{1}{2}$	23 $\frac{1}{3}$	18 $\frac{3}{4}$	13 $\frac{3}{4}$
6	18	40	33	28	22 $\frac{1}{2}$	16 $\frac{1}{2}$
7	21	46 $\frac{2}{3}$	38 $\frac{1}{2}$	32 $\frac{2}{3}$	26 $\frac{1}{4}$	19 $\frac{1}{4}$
8	24	53 $\frac{1}{3}$	44	37 $\frac{1}{3}$	30	22
9	27	60	49 $\frac{1}{2}$	42	33 $\frac{3}{4}$	24 $\frac{3}{4}$
10	30	66 $\frac{2}{3}$	55	46 $\frac{2}{3}$	37 $\frac{1}{2}$	27 $\frac{1}{2}$
11	33	73 $\frac{1}{3}$	60 $\frac{1}{2}$	51 $\frac{1}{3}$	41 $\frac{1}{4}$	30 $\frac{1}{4}$
12	36	80	66	56	45	33
13	39	86 $\frac{2}{3}$	71 $\frac{1}{2}$	60 $\frac{2}{3}$	48 $\frac{3}{4}$	35 $\frac{3}{4}$
14	42	93 $\frac{1}{3}$	77	65 $\frac{1}{3}$	52 $\frac{1}{2}$	38 $\frac{1}{2}$
15	45	100	82 $\frac{1}{2}$	70	56 $\frac{1}{4}$	41 $\frac{1}{4}$
16	48	106 $\frac{2}{3}$	88	74 $\frac{2}{3}$	60	44
17	51	113 $\frac{1}{3}$	93 $\frac{1}{2}$	79 $\frac{1}{3}$	63 $\frac{3}{4}$	46 $\frac{3}{4}$
18	54	120	99	84	67 $\frac{1}{2}$	49 $\frac{1}{2}$
19	57	126 $\frac{2}{3}$	104 $\frac{1}{2}$	88 $\frac{2}{3}$	71 $\frac{1}{4}$	52 $\frac{1}{4}$
20	60	131 $\frac{1}{3}$	110	93 $\frac{1}{3}$	75	55
21	63	140	115 $\frac{1}{2}$	98	78 $\frac{3}{4}$	57 $\frac{3}{4}$
22	66	146 $\frac{2}{3}$	121	102 $\frac{2}{3}$	82 $\frac{1}{2}$	60 $\frac{1}{2}$
23	69	153 $\frac{1}{3}$	126 $\frac{1}{2}$	107 $\frac{1}{3}$	86 $\frac{1}{4}$	63 $\frac{1}{4}$
24	72	160	132	112	90	66
25	75	166 $\frac{2}{3}$	137 $\frac{1}{2}$	116 $\frac{2}{3}$	93 $\frac{3}{4}$	68 $\frac{3}{4}$
Price per Section.....		\$2.74	\$2.31	\$2.15	\$1.84	\$1.57
Price per foot.....		.41	.42	.46	.49	.57

Each section is 8 $\frac{3}{8}$  inches wide. Width of legs, 8 $\frac{1}{2}$  inches.

Unless otherwise ordered, Elite Radiators are tapped 2 inches and bushed according to Tapping List.

All openings have right-hand threads unless otherwise ordered.

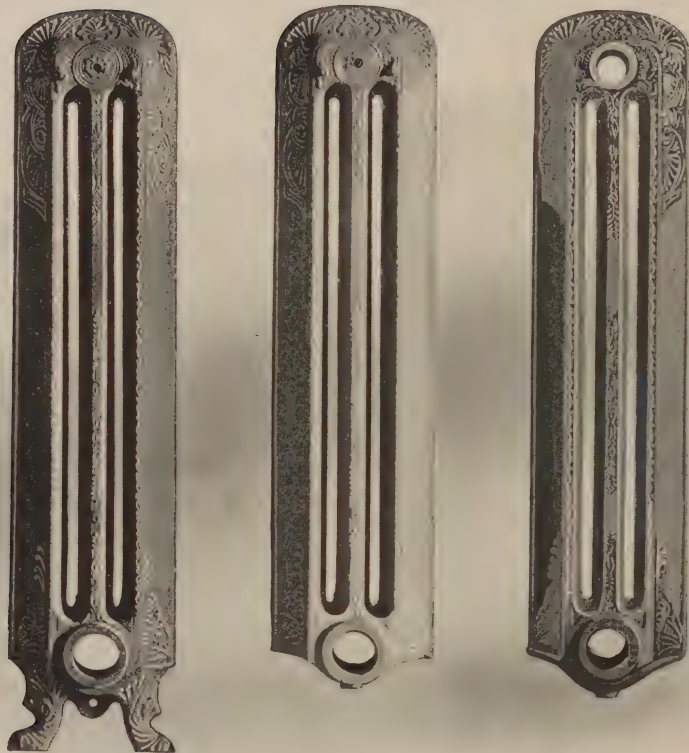
Connected with extra-heavy slip nipples; steam, 2 inches at bottom; water, 2 inches at bottom and 1 $\frac{5}{8}$  inches at top.

Height of centre of tapping from floor; if tapped  $\frac{3}{4}$  inch, 4 $\frac{5}{8}$  inches; 1 inch, 4 $\frac{3}{4}$  inches; 1 $\frac{1}{4}$  inches, 4 $\frac{7}{8}$  inches; 1 $\frac{1}{2}$  and 2 inches, 5 inches.

\*In estimating length of radiator, add 1 inch for the bushing or plug at each end, when so tapped.

## Bundy Elite Radiator.

Steam and Water—Direct.



*a.*

*b.*

*c.*

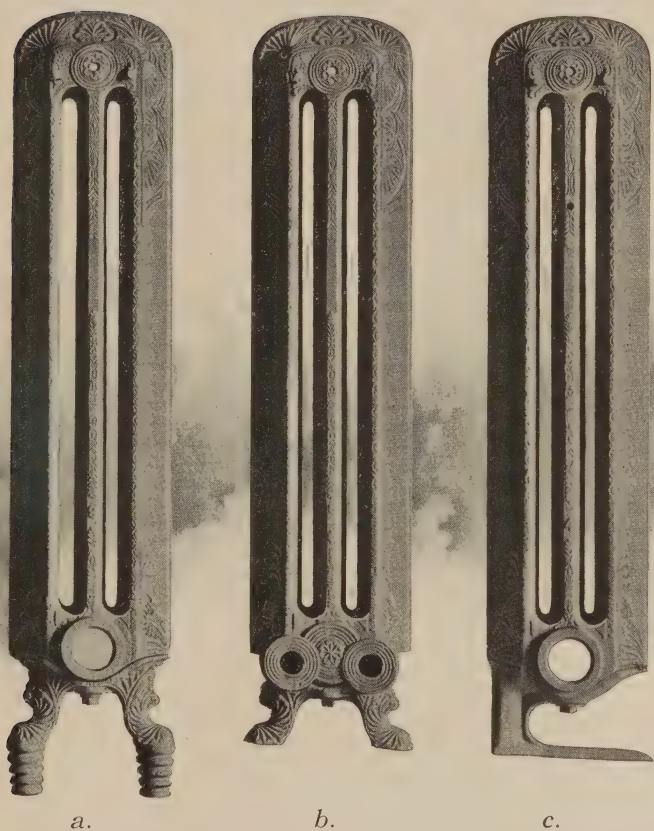
*a.*—Steam Leg Section.

*b.*—Steam Intermediate Section.

*c.*—Water Intermediate Section.

## Bundy Elite Radiator.

Steam and Water—Direct.



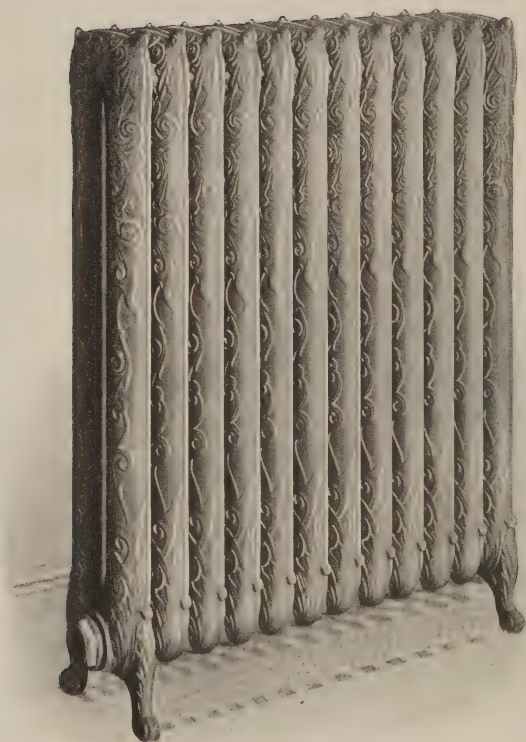
*a.*—Steam High Leg Section.

*b.*—Steam Leg Section—same end tapping.

*c.*—Steam Carpet Leg Section.

Bundy Columbia Radiator.

Steam and Water—Direct.



Bundy Columbia Radiator.

# Bundy Columbia Radiators.

## Steam and Water—Direct.

No. of Sections.	Length, 2½ in. per Section. *	Heating Surface—Square Feet.					
		45-in. Hgt., 5 sq. ft. per Sec.	38-in. Hgt., 4 sq. ft. per Sec.	32-in. Hgt., 3½ sq. ft. per Sec.	26-in. Hgt., 2½ sq. ft. per Sec.	23-in. Hgt., 2½ sq. ft. per Sec.	20-in. Hgt., 2 sq. ft. per Sec.
2	5	10	8	6⅔	5⅓	4⅔	4
3	7½	15	12	10	8	7	6
4	10	20	16	13⅓	10⅔	9⅓	8
5	12½	25	20	16⅔	13⅓	11⅔	10
6	15	30	24	20	16	14	12
7	17½	35	28	23⅓	18⅔	16⅓	14
8	20	40	32	26⅔	21⅓	18⅔	16
9	22½	45	36	30	24	21	18
10	25	50	40	33⅓	26⅔	23⅓	20
11	27½	55	44	36⅔	29⅓	25⅔	22
12	30	60	48	40	32	28	24
13	32½	65	52	43⅓	34⅔	30⅓	26
14	35	70	56	46⅔	37⅓	32⅔	28
15	37½	75	60	50	40	35	30
16	40	80	64	53⅓	42⅔	37⅓	32
17	42½	85	68	56⅔	45⅓	39⅔	34
18	45	90	72	60	48	42	36
19	47½	95	76	63⅓	50⅔	44⅓	38
20	50	100	80	66⅔	53⅓	46⅔	40
21	52½	105	84	70	56	49	42
22	55	110	88	73⅓	58⅔	51⅓	44
23	57½	115	92	76⅔	61⅓	53⅔	46
24	60	120	96	80	64	56	48
25	62½	125	100	83⅓	66⅔	58⅓	50
26	65	130	104	86⅔	69⅓	60⅔	52
27	67½	135	108	90	72	63	54
28	70	140	112	93⅓	74⅔	65⅓	56
29	72½	145	116	96⅔	77⅓	67⅔	58
30	75	150	120	100	80	70	60
31	77½	155	124	103⅓	82⅔	72⅓	62
32	80	160	128	106⅔	85⅓	74⅔	64
Price per Section....		\$2.05	\$1.68	\$1.54	\$1.31	\$1.24	\$1.14
Price per foot.....		.41	.42	.46	.49	.53	.57

Each section is 8 inches wide. Width of legs, 9 inches.

Unless otherwise ordered, all Columbia Radiators are tapped 2 inches and bushed according to Tapping List. All openings have right-hand threads unless otherwise ordered.

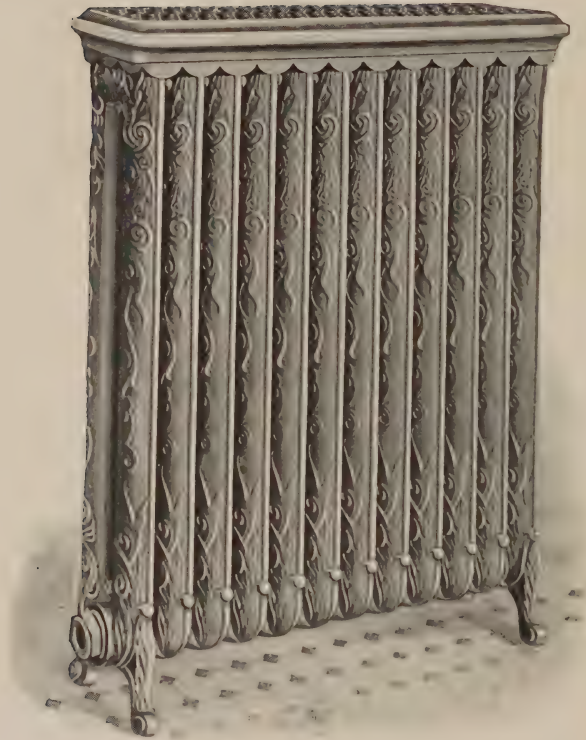
Connected with extra heavy slip nipples; steam, 2 inches at bottom; water, 2 inches at bottom and 1⅝ inches at top.

Height of centre of tapping from floor; if tapped ⅜ inch, 3⅝ inches; 1 inch, 4 inches; 1¼ inches, 4½ inches; 1½ and 2 inches, 4½ inches.

\*In estimating length of radiator, add 1 inch for the bushing or plug at each end, when so tapped.

Bundy Columbia Radiator.

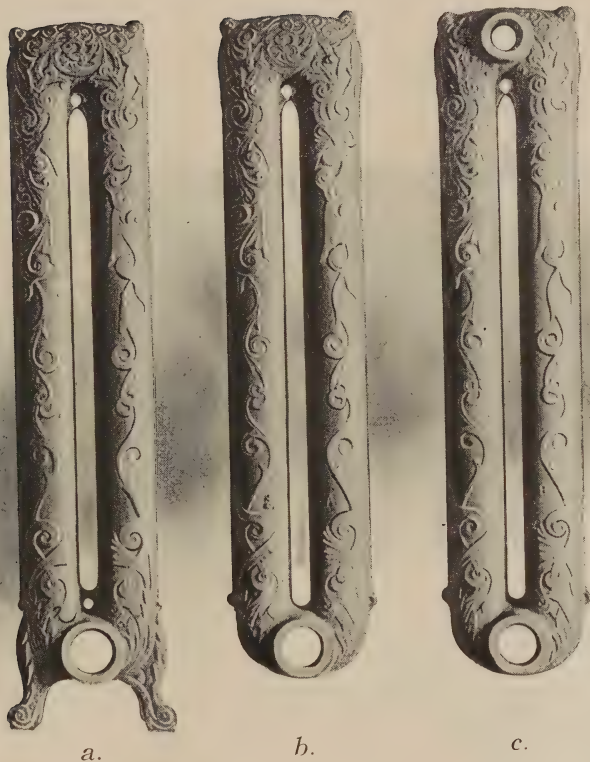
Steam and Water—Direct.



Bundy Columbia Radiator—with Iron Top.

# Bundy Columbia Radiator.

Steam and Water—Direct.



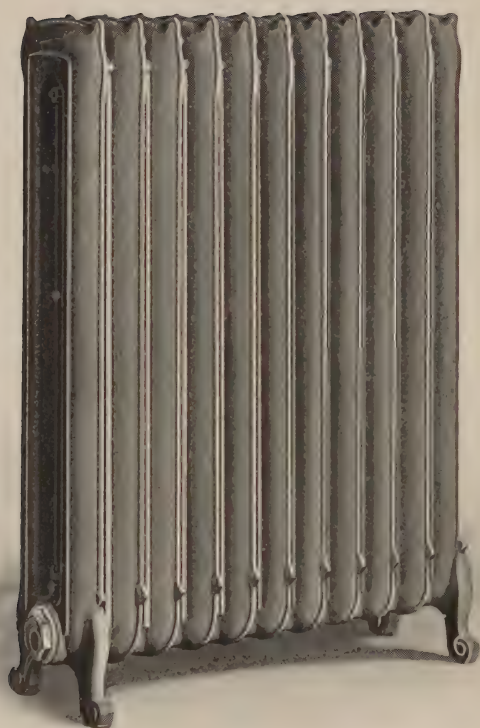
*a.*—Steam Leg Section.

*b.*—Steam Intermediate Section.

*c.*—Water Intermediate Section.

Bundy Empire Radiator.

Steam and Water—Direct.



Bundy Empire Radiator.

# Bundy Empire Radiators.

## Steam and Water—Direct.

No. of Sections.	Length, 2½ in. per Section. *	Heating Surface—Square Feet.					
		45-in. Hgt., 5½ sq. ft. per Sec.	38-in. Hgt., 4½ sq. ft. per Sec.	32-in. Hgt., 3½ sq. ft. per Sec.	26-in. Hgt., 3 sq. ft. per Sec.	23-in. Hgt., 2½ sq. ft. per Sec.	20-in. Hgt., 2½ sq. ft. per Sec.
2	5	11	9	7⅓	6	5⅓	4⅔
3	7½	16½	13½	11	9	8	7
4	10	22	18	14⅔	12	10⅔	9⅓
5	12½	27½	22½	18⅓	15	13⅓	11⅔
6	15	33	27	22	18	16	14
7	17½	38½	31½	25⅔	21	18⅔	16⅓
8	20	44	36	29⅓	24	21⅓	18⅔
9	22½	49½	40½	33	27	24	21
10	25	55	45	36⅔	30	26⅔	23⅓
11	27½	60½	49½	40⅓	33	29⅓	25⅔
12	30	66	54	44	36	32	28
13	32½	71½	58½	47⅔	39	34⅔	30⅓
14	35	77	63	51⅓	42	37⅓	32⅔
15	37½	82½	67½	55	45	40	35
16	40	88	72	58⅔	48	42⅔	37⅓
17	42½	93½	76½	62⅓	51	45⅓	39⅔
18	45	99	81	66	54	48	42
19	47½	104½	85½	69⅔	57	50⅔	44⅓
20	50	110	90	73⅓	60	53⅓	46⅔
21	52½	115½	94½	77	63	56	49
22	55	121	99	80⅔	66	58⅔	51⅓
23	57½	126½	103½	84⅓	69	61⅓	53⅔
24	60	132	108	88	72	64	56
25	62½	137½	112½	91⅔	75	66⅔	58⅓
26	65	143	117	95⅓	78	69⅓	60⅔
27	67½	148½	121½	99	81	72	63
28	70	154	126	102⅔	84	74⅔	65⅓
29	72½	159½	130½	106⅓	87	77⅓	67⅔
30	75	165	135	110	90	80	70
31	77½	170½	139½	113⅔	93	82⅔	72⅓
32	80	176	144	117⅓	96	85⅓	74⅔
Price per Section....		\$2.26	\$1.89	\$1.69	\$1.47	\$1.42	\$1.33
Price per foot.....		.41	.42	.46	.49	.53	.57

Each section is 8½ inches wide. Width of legs, 9 inches.

Unless otherwise ordered, all Empire Radiators are tapped 2 inches and bushed according to Tapping List. All openings have right-hand threads unless otherwise ordered.

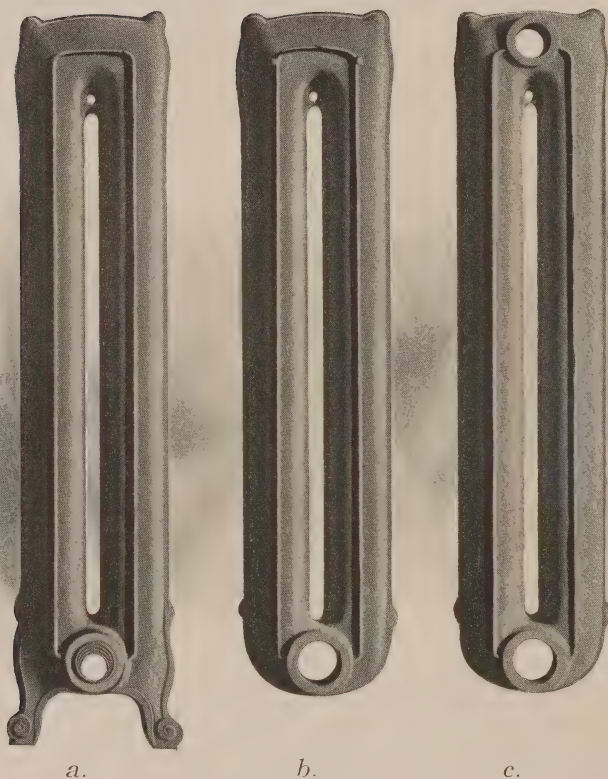
Connected with extra heavy slip nipples; steam, 2 inches at bottom; water, 2 inches at bottom and 1⅝ inches at top.

Height of centre of tapping from floor; if tapped ¾ inch, 3⅞ inches; 1 inch, 4 inches; 1¼ inches, 4⅝ inches; 1½ and 2 inches, 4¾ inches.

\*In estimating length of radiator, add 1 inch for each bushing or plug at each end, when so tapped.

# Bundy Empire Radiator.

Steam and Water—Direct.



*a.*—Steam Leg Section.

*b.*—Steam Intermediate Section.

*c.*—Water Intermediate Section.

Bundy Princess Radiator.

Steam and Water—Direct.



*a.*—Steam Leg Section.

*b.*—Water Intermediate Section.

Bundy Princess Radiator.

Steam and Water—Direct.



Bundy Princess Radiator—Direct.

# Bundy Princess Radiators.

Steam and Water—Direct.

No. of Sections.	Length, 2¾ in. per Section. *	Heating Surface—Square Feet.				
		45-in. Hgt., 9 sq. ft. per Sec.	35-in. Hgt., 7½ sq. ft. per Sec.	31-in. Hgt., 6 sq. ft. per Sec.	25-in. Hgt., 4¾ sq. ft. per Sec.	20-in. Hgt., 3¾ sq. ft. per Sec.
2	5¾	18	15	12	9½	7⅓
3	8⅛	27	22½	18	14¼	11
4	10¾	36	30	24	19	14⅔
5	13⅞	45	37½	30	23¾	18⅓
6	16⅛	54	45	36	28½	22
7	18⅞	63	52½	42	33¼	25⅔
8	21½	72	60	48	38	29⅔
9	24⅞	81	67½	54	42¾	33
10	26¾	90	75	60	47½	36⅔
11	29⅞	99	82½	66	52¼	40⅓
12	32¼	108	90	72	57	44
13	34⅞	117	97½	78	61¾	47⅔
14	37⅞	126	105	84	66½	51⅓
15	40⅞	135	112½	90	71¼	55
16	43	144	120	96	76	58⅔
17	45⅞	153	127½	102	80¾	62⅓
18	48¾	162	135	108	85½	66
19	51⅞	171	142½	114	90¼	69⅔
20	53¾	180	150	120	95	73⅓
21	56⅞	189	157½	126	99¾	77
22	59⅞	198	165	132	104½	80⅔
23	61⅞	207	172½	138	109¼	84⅓
24	64½	216	180	144	114	88
25	67⅞	225	187½	150	118¾	91⅔
Price per Section.....		\$3.69	\$3.15	\$2.76	\$2.33	\$2.09
Price per foot.....		.41	.42	.46	.49	.57

Each section is 8½ inches wide. Width of legs, 9¼ inches.

Unless otherwise ordered, all Princess Radiators are tapped 2 inches and bushed according to Tapping List.

All openings have right-hand threads, unless otherwise ordered.

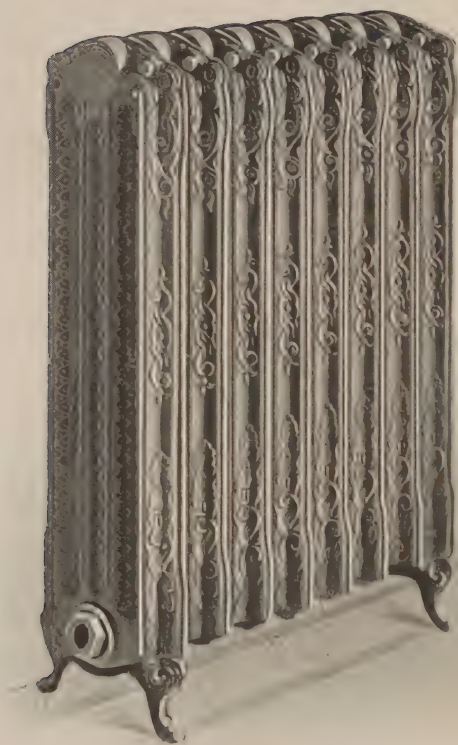
Connected with extra heavy slip nipples; steam, 2 inches at bottom; water, 2 inches at bottom and top.

Height of centre of tapping from floor; if tapped ¾ inch, 3¾ inches; 1 inch, 3¾ inches; 1¼ inches, 4 inches; 1½ inches, 4½ inches; 2 inch, 4¾ inches.

\*In estimating length of radiator, add 1 inch for the bushing or plug at each end.

Bundy Pyro Radiator.

Steam and Water—Direct.



Bundy Pyro Radiator.

# Bundy Pyro Radiators.

## Steam and Water—Direct.

No. of Sections.	Length, $3\frac{11}{16}$ in. * per Section.	Heating Surface—Square Feet.
		38-inch Height, 8 square feet per Section.
2	$9\frac{3}{8}$	16
3	$13\frac{1}{4}$	24
4	$16\frac{3}{4}$	32
5	$20\frac{7}{16}$	40
6	$24\frac{1}{8}$	48
7	$27\frac{13}{16}$	56
8	$31\frac{1}{2}$	64
9	$35\frac{3}{16}$	72
10	$38\frac{7}{8}$	80
11	$42\frac{9}{16}$	88
12	$46\frac{1}{4}$	96
13	$49\frac{5}{16}$	104
14	$53\frac{5}{8}$	112
15	$57\frac{9}{16}$	120
16	61	128
17	$64\frac{11}{16}$	136
18	$68\frac{3}{8}$	144
19	$72\frac{1}{16}$	152
20	$75\frac{3}{4}$	160
21	$79\frac{7}{16}$	168
22	$83\frac{1}{8}$	176
23	$86\frac{13}{16}$	184
24	$90\frac{1}{2}$	192
25	$94\frac{3}{16}$	200
Price per Section .....		\$3.36
Price per foot .....		.42

Each section is 10 inches wide. Width of legs, 10 inches.

Unless otherwise ordered, all Pyro Radiators are tapped 2 inches and bushed according to Tapping List.

All openings have right-hand threads unless otherwise ordered.

Connected with extra heavy slip nipples; steam, 2 inches at bottom; water, 2 inches at bottom and  $1\frac{5}{8}$  inches at top.

Height of centre of tapping from floor; if tapped  $\frac{3}{4}$  inch,  $4\frac{7}{8}$  inches; 1 inch, 5 inches;  $1\frac{1}{4}$  inches,  $5\frac{1}{8}$  inches;  $1\frac{1}{2}$  and 2 inches,  $5\frac{1}{8}$  inches.

\*In estimating length of Radiator, add 1 inch for bushing or plug at each end, when so tapped.

## Bundy Pyro Radiator.

Steam and Water—Direct.



*a.*



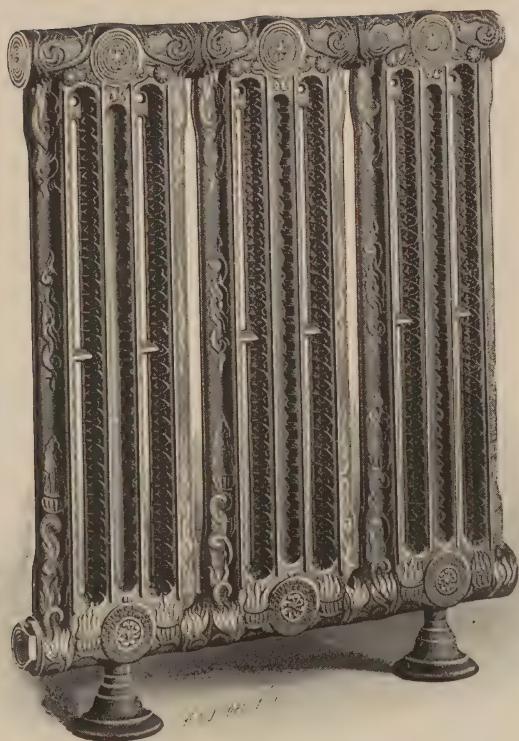
*b.*

*a.*—Steam Leg Section.

*b.*—Steam Intermediate Section.

Bundy Pyro Wall Radiator.

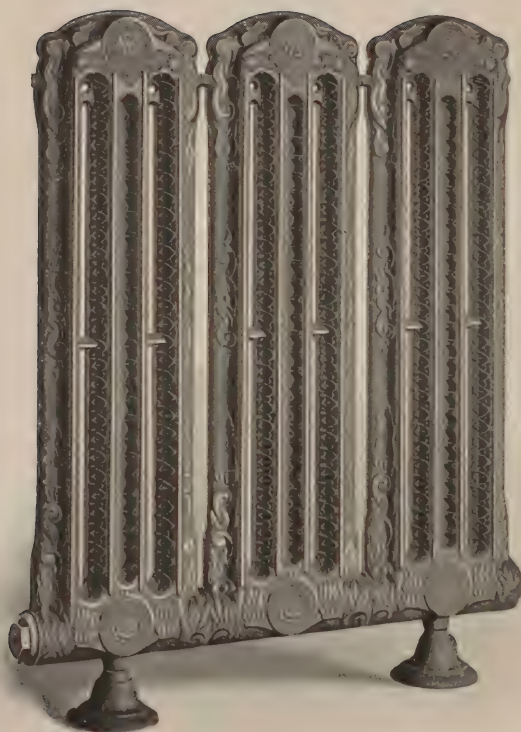
Water—Direct.



Bundy Pyro Wall Radiator—Water.

Bundy Pyro Wall Radiator.

Steam—Direct.



Bundy Pyro Wall Radiator—Steam.

# Bundy Pyro Wall Radiators.

Steam and Water—Direct.

No. of Sections.	Length, 10 $\frac{1}{4}$ in. per section. *	Heating Surface—Square Feet.
		38-inch Height, 8 square feet per section.
1	10 $\frac{1}{4}$	8
2	20 $\frac{1}{2}$	16
3	30 $\frac{3}{4}$	24
4	41	32
5	51 $\frac{1}{4}$	40
6	61 $\frac{1}{2}$	48
7	71 $\frac{3}{4}$	56
8	82	64
9	92 $\frac{1}{4}$	72
10	102 $\frac{1}{2}$	80
Price per Section.....		\$3.36
Price per foot.....		.42

Each section is 3 inches wide. Width of legs 5 inches.

Unless otherwise ordered, all Pyro Wall Radiators are tapped 1 $\frac{1}{2}$  inches and bushed according to Tapping list.

All openings have right-hand threads unless otherwise ordered.

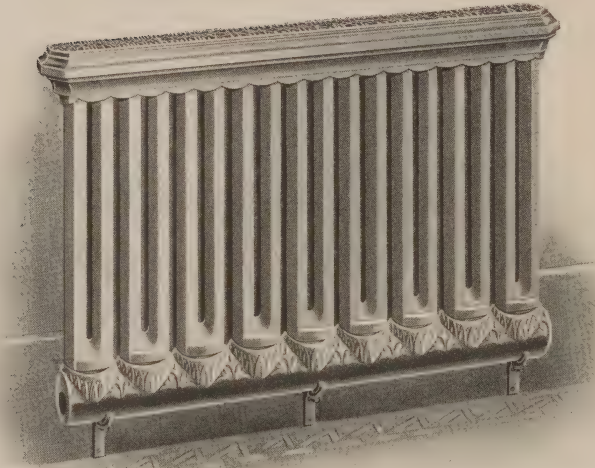
Connected with extra heavy 1 $\frac{1}{2}$  inches right and left-hand threaded nipples; steam, at bottom; water, at bottom and top.

Height of center of tapping from floor: 5 $\frac{1}{8}$  inches.

\*In estimating length of radiators, add 1 inch for the bushing or plug at each end, when so tapped.

## Bundy Standard Sectional Radiator.

Steam—Direct.



Bundy Standard Sectional Radiator—26 inches high.

THE above cut illustrates the Bundy Standard Sectional Radiator which is furnished in any height from 10 inches to 44 inches, varying by single inches, and in any length where the total number of loops in the radiator is divisible by three. The base is sectional, made of two lengths, for three and six loops, united closely with screw thread nipples, and so the radiator must have three, six, nine, twelve or more loops, the total number of which must be a multiple of three.

This radiator is furnished for steam only, either with brackets for fastening to the wall (as illustrated above) or with detachable legs to set on the floor.

# Bundy Standard Sectional Radiators.

## Standard Loop—Steam.

### List of Sizes and Prices.

Sizes.	Length, inches.	Heating Surface — Square Feet.				
		44-in. high.	38-in. high.	32-in. high.	26-in. high.	20-in. high.
1× 3	9¾	10½	9	7½	6	4½
1× 6	19½	21	18	15	12	9
1× 9	29¾	31½	27	22½	18	13½
1×12	39	42	36	30	24	18
1×15	48¾	52½	45	37½	30	22½
1×18	58½	63	54	45	36	27
1×21	68¾	73½	63	52½	42	31½
1×24	78	84	72	60	48	36
1×27	87¾	94½	81	67½	54	40½
1×30	97½	105	90	75	60	45
1×33	107¾	115½	99	82½	66	49½
1×36	117	126	108	90	72	54
Price per loop, . . .		\$2.45	\$2.25	\$2.12½	\$2.00	\$1.87½
Price per foot, . . .		.70	.75	.85	1.00	1.25

The Bundy cast iron top is furnished for all sizes up to and including 1 x 24.

Width of radiator, loops 2½ inches, top 4½ inches, base 3½ inches, legs 5 inches.

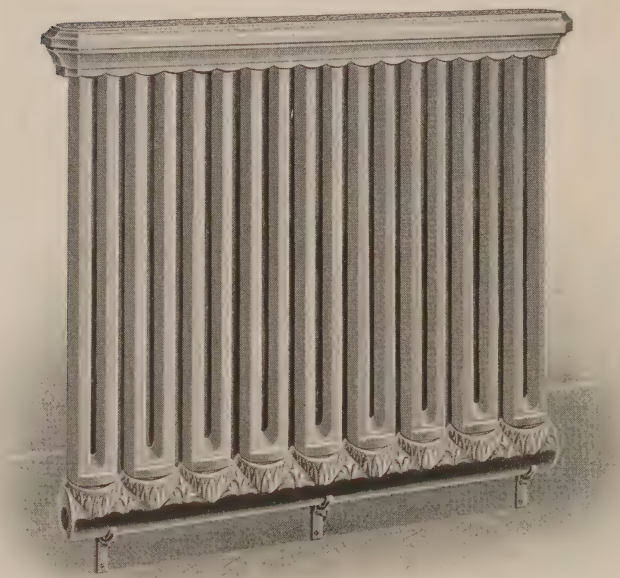
Unless otherwise ordered Radiators are tapped right hand according to tapping list.

Height from floor to center of tapping, when furnished with legs, 4½ inches.

Base is made by uniting with screw thread nipples the necessary number of three and six loop sections to build size of radiator required.

## Bundy Standard Sectional Radiator.

Steam—Direct.



Bundy Standard Sectional Radiator—38 inches high.

THE above cut illustrates the Bundy Standard Sectional Radiator which is furnished in any height from 10 inches to 44 inches, varying by single inches, and in any length where the total number of loops in the radiator is divisible by three. The base is sectional, made of two lengths, for three and six loops, united closely with screw thread nipples, and so the radiator must have three, six, nine, twelve or more loops, the total number of which must be a multiple of three.

This radiator is furnished for steam only, either with brackets for fastening to the wall (as illustrated above) or with detachable legs to set on the floor.

# Bundy Standard Sectional Radiators.

## Enlarged Loop—Steam.

### List of Sizes and Prices.

Sizes.	Length, inches.	Heating Surface — Square Feet.				
		44-in. high.	38-in. high.	32-in. high.	26-in. high.	20-in. high.
1× 3	9¾	12¾	10½	9	7	5½
1× 6	19½	25½	21	18	14	11
1× 9	29¼	38¼	31½	27	21	16½
1×12	39	51	42	36	28	22
1×15	48¾	63¾	52½	45	35	27½
1×18	58½	76½	63	54	42	33
1×21	68¼	89¼	73½	63	49	38½
1×24	78	102	84	72	56	44
1×27	87¾	114¾	94½	81	63	49½
1×30	97½	127½	105	90	70	55
1×33	107¼	140¼	115½	99	77	60½
1×36	117	153	126	108	84	66
Price per loop, . . .		\$2.87	\$2.54	\$2.47½	\$2.27½	\$2.24½
Price per foot, . . .		.67½	.72½	.82½	.97½	1.22½

The Bundy cast iron top is furnished for all sizes up to and including 1 x 24.

Width of radiator, loops 2½ inches, top 4½ inches, base 3¼ inches, legs 5 inches.

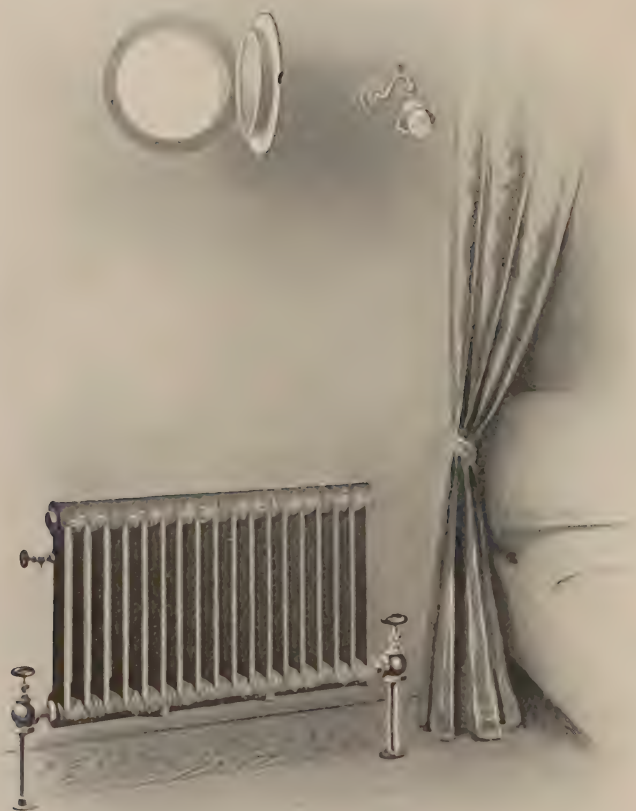
Unless otherwise ordered Radiators are tapped right hand according to tapping list.

Height from floor to center of tapping, when furnished with legs, 4½ inches.

Base is made by uniting with screw thread nipples the necessary number of three and six loop sections to build size of radiator required.

## Bundy State Room Radiator.

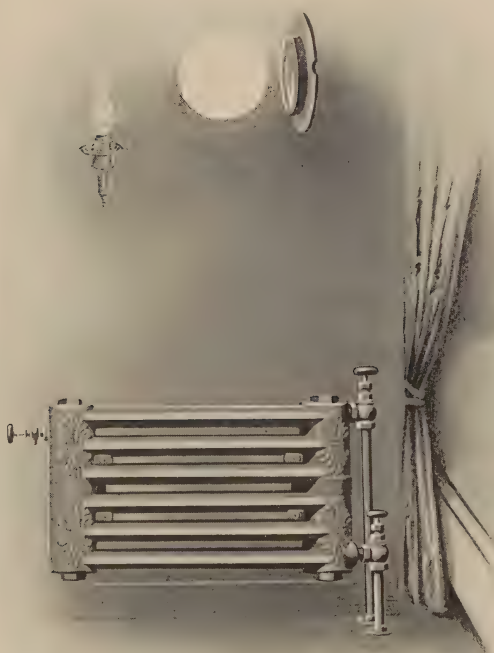
Steam and Water—Direct.



## Bundy State Room Radiator—Vertical.

THE Bundy State Room Radiator is specially designed for heating steamships, halls, passageways, theatre lobbies, wings, bath rooms, etc., or wherever a narrow radiator is desired that can be fastened to the wall. Can be built of any length, and set up horizontally or vertically.

## Bundy State Room Radiator.



### Bundy State Room Radiator—Horizontal.

SUITABLE brackets are furnished with each section. Made for steam and water. Sections are connected with right and left threaded nipples.

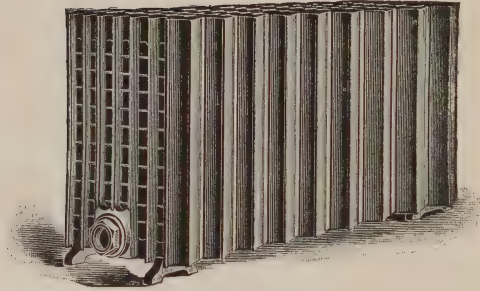
#### List of Sizes.

Size of Section.	Heating Surface.	List Price.
11 $\frac{1}{4}$ " long, 20 $\frac{1}{4}$ " high, 3' wide.	7 sq. ft. per section.	\$0.42 per sq. ft.
7 $\frac{1}{2}$ " " 20 $\frac{1}{4}$ " " 3" "	5 " " "	.49 " "

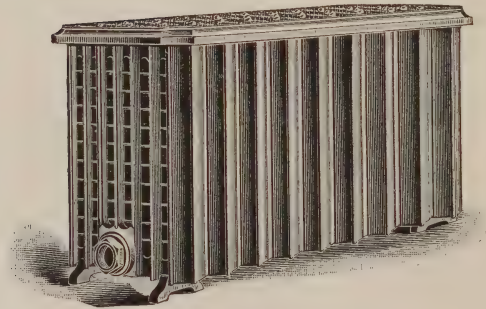
Above length has reference to length of Radiator when sections set vertically, or height of Radiator when sections set horizontally.

## Bundy Defiance Radiators.

Steam and Water—Direct.



Defiance Direct Steam Radiator.



With Iron Top.

**D**ESIGNED for use under windows, or where a low radiator is wanted having a maximum of heating surface in a minimum of space.

# Bundy Defiance Radiators.

## Steam and Water—Direct.

Number of Sections.	Length, 4 inches per Section. *	Heights, 18½, 19, 19½, 20, 20½, 21, 21½, 22, 22½, 23, and 23½ inches. Heating Surface, 7 sq. ft. per Section.	Heights, 13½, 14, 14½, 15, 15½, 16, 16½, 17, 17½, 18, and 18½ inches. Heating Surface, 4 sq. ft. per Section.
2	8	14	8
3	12	21	12
4	16	28	16
5	20	35	20
6	24	42	24
7	28	49	28
8	32	56	32
9	36	63	36
10	40	70	40
11	44	77	44
12	48	84	48
13	52	91	52
14	56	98	56
15	60	105	60
16	64	112	64
17	68	119	68
18	72	126	72
19	76	133	76
20	80	140	80
21	84	147	84
22	88	154	88
23	92	161	92
24	96	168	96
25	100	175	100
Price per Section,	. . .	\$4.06	\$2.64
Price per foot,	. . .	.58	.66

Each 7-foot section is 11 inches wide. Each 4-foot section is 8 inches wide.

Unless otherwise ordered, Defiance Radiators are tapped 2 inches and bushed according to Tapping List.

All openings have right-hand threads unless otherwise ordered.

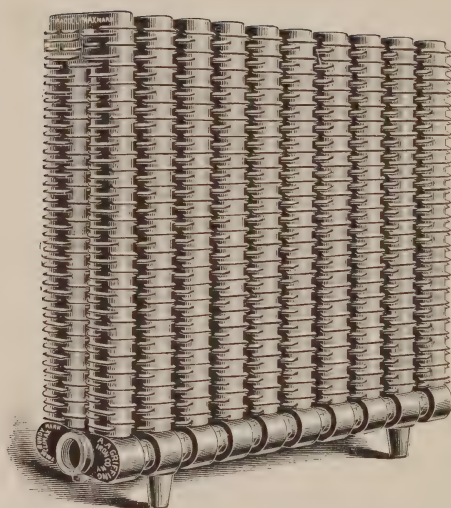
Connected with extra heavy 2-inch threaded nipples; steam, right-hand, at bottom; water, right and left-hand, at bottom and top.

Height of centre of tapping from floor, for the 20-inch or 15-inch height, if tapped ¾-inch, 3⅜ inches; 1 inch, 3½ inches; 1¼ inches, 3¾ inches; 1½ inches, and 2 inches, 3¾ inches; the distance for other heights increasing or decreasing according to the height of radiator. The height of the radiator depends upon the height of the detachable legs used.

\*In estimating length of radiator, add 1 inch for each bushing or plug.

Bundy Climax Vertical Radiator.

Steam Only—Direct.



Bundy Climax Vertical Radiator—Steam.

# Bundy Climax Vertical Radiator.

Steam only—Direct.

No. of Sections.	Length, 4-in. per Section, *	Heating Surface—Square Feet.
		38-inch Height, 13 square feet per Section.
2	8	26
3	12	39
4	16	52
5	20	65
6	24	78
7	28	91
8	32	104
9	36	117
10	40	130
11	44	143
12	48	156
13	52	169
14	56	182
15	60	195
Price per Section, . . . . .		\$5.46
Price per foot, . . . . .		.42

Each section is 11 inches wide. Width of legs, 11 inches.

Unless otherwise ordered, all Climax Direct Radiators are tapped 2 inches and bushed according to Tapping List.

All openings have right-hand threads unless otherwise ordered.

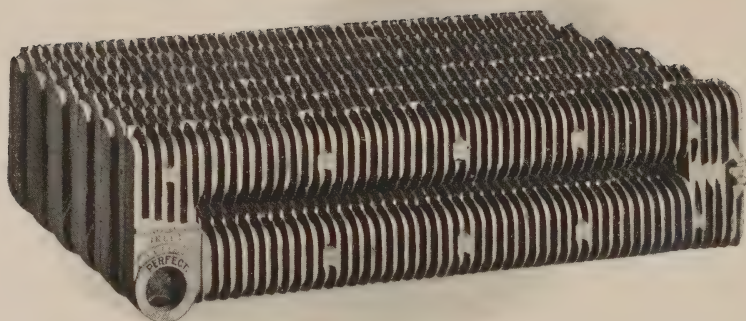
Connected with extra heavy 2 inches right and left-hand threaded nipples.

Height of centre of tapping from floor,  $4\frac{1}{4}$  inches.

\*In estimating length of radiator, add 1 inch for the bushing or plug at each end, when so tapped.

## Bundy Perfect Radiator.

Steam only—Indirect.



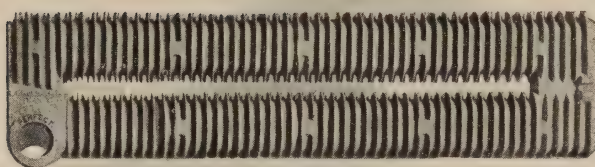
Bundy Perfect Indirect Stack.

### List of Sizes and Prices.

Perfect Indirect.	Length of Sections.			
	36 inches.	29 inches.	23 inches.	19 inches.
Surface per section, sq. ft. ....	15	12½	10	8
Price per Section.....	\$4.05	\$3.87½	\$3.50	\$3.12
Price per foot.....	.27	.31	.35	.39

## Bundy Perfect Radiator.

Steam only—Indirect.



### Bundy Perfect Indirect Section.

#### Single Section.

Each section of Perfect Indirect contains 15 square feet of heating surface.

Length of sections, 36", 29", 23" and 19"; height at connecting end,  $9\frac{3}{4}$  inches; at opposite end,  $9\frac{1}{8}$  inches.

Width each section occupies in stack,  $3\frac{1}{2}$  inches; or, when specially ordered connected with extra long nipples, to give additional air area between sections, this can be increased to 4 inches or  $4\frac{1}{2}$  inches.

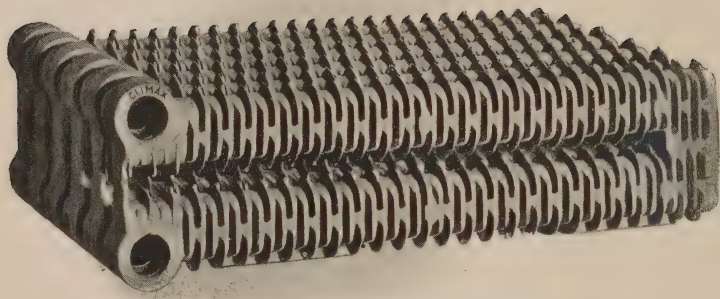
The nipples used for connecting sections are extra heavy 2 inches, right and left-hand threaded, with hexagon nut in the center.

Regular tapping is 2 inches; supply tapping has right-hand threads; return tapping left-hand threads. If smaller than 2 inch tapping be required for Perfect Indirect, a 2 inch nipple and a reducing elbow should be used, instead of a bushing, to avoid interference with diaphragm opening.

If location of tapping is desired other than regular, we can furnish special tappings; feed in top or end, return in end or bottom,  $1\frac{1}{2}$  inch tapping or smaller.

NOTE—For convenience in handling, Indirects will be shipped loose, unless expressly ordered to be built into stacks. Customers should, when ordering, be particular to specify the number of stacks into which the sections are to be built, so that necessary vent sections may be shipped.

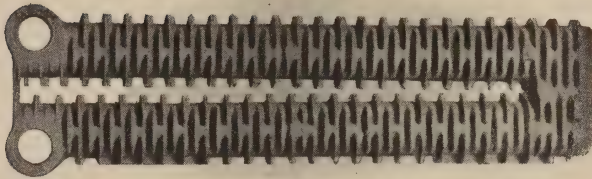
Bundy Climax Radiator.  
Steam and Water—Indirect.



Bundy Climax Indirect Stack.

## Bundy Climax Radiator.

Steam and Water—Indirect.



### Bundy Climax Indirect Section.

Each section of Climax Indirect contains 13 square feet of heating surface. Price per section, \$3.51; per sq. ft., \$.27.

Length of section, 36 inches; height, at connecting end, 11 inches; at opposite end, 9 inches.

Width each section occupies in stack,  $3\frac{1}{2}$  inches; or, when specially ordered connected with extra long nipples, to give additional air area between sections, this can be increased to 4 inches or  $4\frac{1}{2}$  inches.

The nipples used for connecting sections are extra heavy 2 inches right and left-hand threaded, with hexagon nut in the center.

Unless otherwise ordered, Climax Radiators are tapped 2 inches, same end, and bushed according to Tapping List.

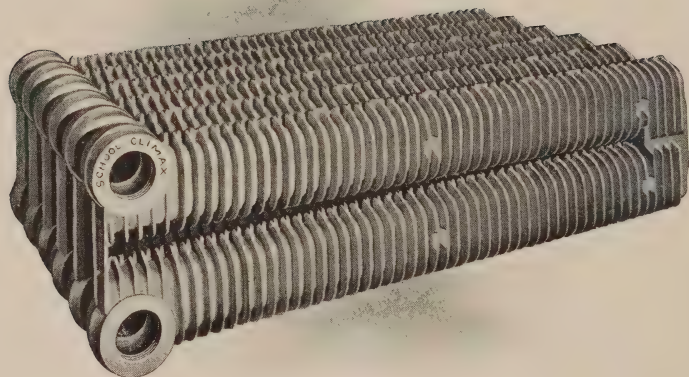
Both supply and return tapings are right-hand.

If location of tapping is desired other than regular, we can furnish special tapplings; feed in top or end, return in end or bottom,  $1\frac{1}{2}$  inch tapping or smaller.

NOTE.—For convenience in handling, Indirects will be shipped loose, unless expressly ordered to be built into stacks. Customers should, when ordering, be particular to specify the number of stacks into which the sections are to be built, so that necessary vent sections may be shipped.

# Bundy School Climax Radiator.

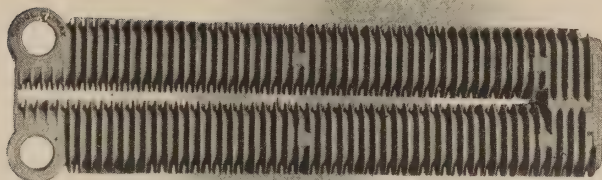
Steam and Water—Indirect.



Bundy School Climax Stack.

## Bundy School Climax Radiator.

Steam and Water—Indirect.



### Bundy School Climax Section.

Each section of School Climax Indirect contains 15 sq. feet of heating surface. Price per section, \$4.05; per sq. ft., \$.27.

Length of section, 36 inches; height, at connecting end, 11 inches; at opposite end, 9 inches.

Width each section occupies in stack,  $3\frac{1}{2}$  inches; or, when specially ordered connected with extra long nipples, to give additional air area between sections, this can be increased to 4 inches or  $4\frac{1}{2}$  inches.

The nipples used for connecting sections are extra heavy 2-inch right and left-hand threaded, with hexagon nut in the center.

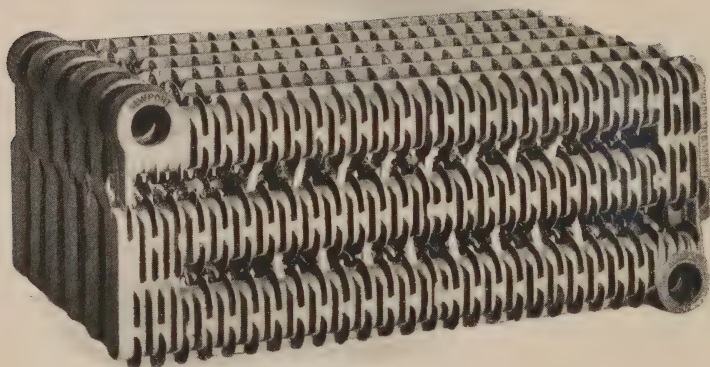
Unless otherwise ordered, School Climax Radiators are tapped 2 inches, same end, and bushed according to Tapping List. Both supply and return tappings are right-hand.

If location of tapping is desired other than regular, we can furnish special tappings; feed in top or end, return in end or bottom,  $1\frac{1}{2}$ -inch tapping or smaller.

NOTE.—For convenience in handling, Indirects will be shipped loose, unless expressly ordered to be built into stacks. Customers should, when ordering, be particular to specify the number of stacks into which the sections are to be built, so that necessary vent sections may be shipped.

Bundy Newport Radiator.

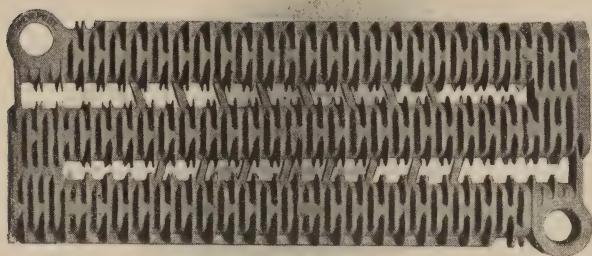
Steam and Water—Indirect.



Bundy Newport Indirect Stack.

## Bundy Newport Radiator.

Steam and Water—Indirect.



### Bundy Newport Indirect Section.

Each section of Newport Indirect contains 20 square feet of heating surface. Price per section, \$5.40; per sq. ft., \$0.27.

Length of section, 37 inches; height, 16 inches.

Width each section occupies in stack,  $3\frac{1}{2}$  inches; or, when specially ordered connected with extra long nipples, to give additional air area between sections, this can be increased to 4 inches or  $4\frac{1}{2}$  inches.

The nipples used for connecting sections are extra heavy 2 inches right and left-hand threaded, with hexagon nut in the center.

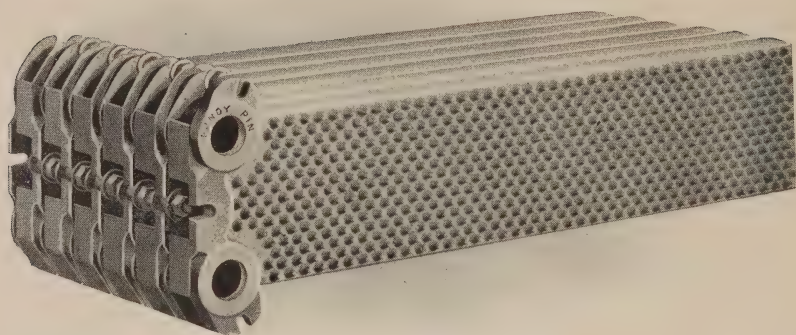
Unless otherwise ordered, Newport Radiators are tapped 2 inches, same end, and bushed according to Tapping List.

Both supply and return tappings are right-hand.

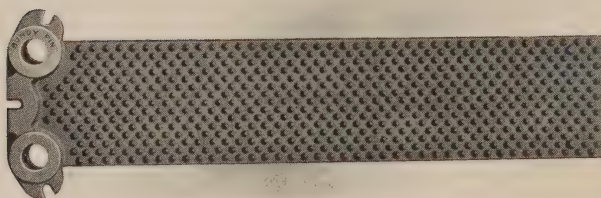
If location of tapping is desired other than regular, we can furnish special tappings; feed in top or end, return in end or bottom, 2 inches or smaller.

NOTE—For convenience in handling, Indirects will be shipped loose, unless expressly ordered to be built into stacks. Customers should, when ordering, be particular to specify the number of stacks into which the sections are to be built, so that necessary vent sections may be shipped.

Bundy Pin Radiator.  
Steam and Water—Indirect.



Slip Nipple or Gasket Connected Stack.



Slip Nipple or Gasket Connected Section.



Screw Thread Nipple Connected Section.

## Bundy Pin Radiator.

### Steam and Water—Indirect.

Each section of Pin Indirect contains 10 square feet of heating surface. Price per section, \$2.70; per sq. ft., \$0.27.

Length of section, 36 inches; height, nipple connected, at connecting end,  $9\frac{1}{2}$  inches, at opposite end,  $7\frac{1}{2}$  inches; gasket connected, at connecting end,  $11\frac{1}{4}$  inches, at opposite end,  $7\frac{1}{2}$  inches.

Width each section occupies in stack,  $2\frac{3}{4}$  inches; or when specially ordered, this can be increased  $\frac{1}{2}$  inch or more, to give additional air area between sections, by furnishing extra long nipples with nipple-connected Pin and sections with extra heavy bosses of gasket-connected Pin.

The nipples used for connecting nipple-connected Pin sections are extra heavy 2 inches right and left-hand threaded, with hexagon nut in centre or slip nipples.

The gasket-connected Pin sections are faced absolutely true and smooth at point of contact, in addition to which we furnish a paper gasket, and when the sections are drawn together by bolts, the joints are positively tight.

Unless otherwise ordered, all Pin Radiators are tapped 2 inches same end, and bushed according to Tapping List.

Both supply and return tappings are right-hand.

If location of tapping is desired other than regular, we can furnish special tappings; feed in top or end, return in end or bottom,  $1\frac{1}{4}$  inch tapping or smaller.

NOTE.—For convenience in handling, Indirects will be shipped loose, unless expressly ordered to be built into stacks. Customers should, when ordering, be particular to specify the number of stacks into which the sections are to be built, so that necessary vent sections may be shipped.

## Bundy Sectional Radiators.

### Tapping List.

UNLESS otherwise ordered, all styles of Bundy Sectional Radiators, shown on pages 40 to 79 inclusive, will be tapped or bushed as follows:

#### Steam.

##### One-pipe Work.

Radiators containing 24 square feet and under, . . .	1 in.
Above 24, but not exceeding 60 feet, . . . . .	1 $\frac{1}{4}$ "
Above 60, but not exceeding 100 feet, . . . . .	1 $\frac{1}{2}$ "
Above 100 square feet, . . . . .	2 "

##### Two-pipe Work.

Radiators containing 48 square feet and under, . . .	1 $\times$ $\frac{3}{4}$ in.
Above 48, but not exceeding 96 feet, . . . . .	1 $\frac{1}{4}$ $\times$ 1 "
Above 96 square feet, . . . . .	1 $\frac{1}{2}$ $\times$ 1 $\frac{1}{4}$ "

#### Water.

##### Tapped for Supply and Return.

Radiators containing 40 square feet and under, . . .	1 in.
Above 40, but not exceeding 72 square feet, . . . . .	1 $\frac{1}{4}$ "
Above 72 square feet, . . . . .	1 $\frac{1}{2}$ "

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